Maryland. State board of agriculture, ... State inspection and regulatory service, official report

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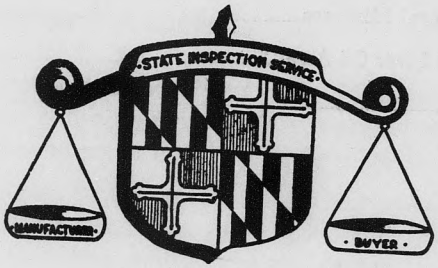
Commercial Fertilizers, Commercial Feeds

and

Agricultural Liming Materials



STATE INSPECTION SERVICE
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UNIVERSITY OF MARYLAND
College Park, Md.

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INTRODUCTION

The Feed, Fertilizer, and Lime Laws of Maryland regulate the manufacture and sale of feeds, fertilizers and limes; prohibit misbranding and adulteration; and require the registration of each brand or kind for each calendar year before being offered for sale. They further require all attached cards to be printed with brand or trade names, and names of the manufacturers or importers. On feedstuff packages there must appear the guarantee for protein, fat, and fiber, together with the name of each ingredient of which the mixtures are composed, and, in the case of by-product feeds, a statement of composition. Feeding stuffs are defined as including all by-product material, mixed feeds and mineral mixtures used for feeding domestic animals which include dogs, cats, foxes, rabbits, and poultry. Fertilizer manufacturers must have printed upon the sack or tag the guaranteed analysis for nitrogen, available phosphoric acid, and water soluble potash. The lime manufacturers must state the minimum amount of calcium and magnesium oxide that the package contains. Provision is made for collection and analyses of official samples, the publication of results of examinations for the information of the public, and for holding responsible all dealers and selling agents who make sales contrary to requirements, with respect to labeling, guaranteeing, misbranding, adulterating, or non-registration.

During the first six months of this year, official representatives of this Department collected from dealers' warehouses, on trucks, or in transit, 768 samples of commercial fertilizers.

There is included in this publication the results of chemical and microscopical examinations upon 1363 samples of feed to ascertain if manufacturers' guarantees and declaration of ingredients were sustained.

52 samples of agricultural liming material secured during the Spring season were examined and reported to the manufacturers and consumers.

In addition to the analysis of official samples included in this publication 277 samples drawn and forwarded to this Department by purchasers have been examined and results obtained have been transmitted to the parties particularly interested.

The reader's attention, in particular, is directed to pages 100 to 102 upon which is rendered the results of our biological assay of 11 materials sold for their vitamin D properties.

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FERTILIZER ANALYSIS

A detailed report of the results obtained in the inspection and anlaysis of fertilizers from January 1, 1934, to July 1, 1934, is contained in pages 6 to 30 inclusive.

Manufacturer and Brand Name	Place of Sampling	NITROGEN (N)						PHOSPHORIC ACID (P_2O_5)			POTASH (K_2O)	
		Total		Mineral		Organic		Insoluble	Available			
		Guaranteed	FOUND	Declared	FOUND	Declared	FOUND	FOUND	Guaranteed	FOUND	Guaranteed	FOUND
Acme Guano Co., Baltimore, Md.												
‡Superphosphate	Baltimore							.50	16.00	17.00		
5-8-5 Fertilizer	Baltimore	5.00	**5.00**	4.00	**4.13**	1.00	**.87**	.50	8.00	**8.30**	5.00	**6.01**
‡5-8-5 Fertilizer	Baltimore	5.00	**5.26**	4.00	**4.46**	1.00	**.80**	.20	8.00	**8.90**	5.00	**5.04**
‡Potato and Truck Guano	Baltimore	4.00	**4.00**	3.20	**3.26**	.80	**.74**	.30	8.00	**8.60**	5.00	**7.72**
‡Royal Compound	Baltimore	2.00	**1.91**	1.60	**1.40**	.40	**.51**	.20	12.00	**13.00**	4.00	**4.26**
‡2-8-5 Fertilizer	Baltimore	2.00	**2.13**	1.60	**1.40**	.40	**.73**	.30	8.00	**10.10**	5.00	**5.59**
Agricultural Corporation of Md., Baltimore, Md.												
‡Md. Farm Bureau 4-8-5	Baltimore	4.00	**4.09**	3.50	**3.41**	.50	**.68**	.20	8.00	**8.50**	5.00	**5.38**
‡Md. Farm Bureau 6-6-5	Baltimore	6.00	**5.98**	5.50	**5.17**	.50	**.81**	.10	6.00	**6.90**	5.00	**5.40**
Md. Farm Bureau 3-12-5	Baltimore	3.00	**3.00**	2.50	**2.39**	.50	**.61**	.70	12.00	**12.30**	5.00	**5.63**
‡Md. Farm Bureau 3-12-5	Baltimore	3.00	**3.02**	2.50	**2.44**	.50	**.58**	.60	12.00	**12.20**	5.00	**5.02**
Md. Farm Bureau 2-12-4	Baltimore	2.00	**2.19**	1.50	**1.61**	.50	**.58**	.70	12.00	**12.30**	4.00	**4.62**
Md. Farm Bureau 2-12-4	Baltimore	2.00	**2.02**	1.50	**1.54**	.50	**.48**	.70	12.00	**12.60**	4.00	**4.78**
‡Md. Farm Bureau 2-12-4	Baltimore	2.00	**1.99**	1.50	**1.54**	.50	**.45**	.90	12.00	**12.10**	4.00	**4.23**
Md. Farm Bureau 2-8-10	Baltimore	2.00	**1.98**	1.50	**1.26**	.50	**.72**	.40	8.00	**8.20**	10.00	**10.40**
Md. Farm Bureau 2-8-10	Baltimore	2.00	**2.01**	1.50	**1.32**	.50	**.69**	.30	8.00	**8.40**	10.00	**10.16**
‡Md. Farm Bureau 2-8-10	Baltimore	2.00	**1.99**	1.50	**1.32**	.50	**.67**	.30	8.00	**8.10**	10.00	**11.02**
Md. Farm Bureau 2-8-5	Baltimore	2.00	**1.94**	1.50	**1.18**	.50	**.76**	.30	8.00	**8.10**	5.00	**5.42**
Md. Farm Bureau 2-8-5	Baltimore	2.00	**2.02**	1.50	**1.15**	.50	**.87**	.40	8.00	**7.80**	5.00	**5.08**
‡Md. Farm Bureau 2-8-5	Baltimore	2.00	**2.00**	1.50	**1.12**	.50	**.88**	.30	8.00	**8.00**	5.00	**5.40**
‡Md. Farm Bureau 0-12-5	Baltimore							.20	12.00	**12.30**	5.00	**5.00**
American Agricultural Chemical Co., Baltimore, Md.												
AA. Superphosphate 20%	Baltimore							.90	20.00	**20.90**		
AA. Superhposphate 16%	Baltimore							1.20	16.00	**16.60**		
AA. Superphosphate 16%	Baltimore							1.60	16.00	**17.30**		
AA. Basic Lime Phosphate 13%	Baltimore							1.90	13.00	**14.60**		
AA. Acme Fertilizer 1-10-5	Baltimore	1.00	**1.01**	.75	**.65**	.25	**.36**	1.10	10.00	**10.20**	5.00	**5.07**
AA. Acme Fertilizer 1-10-5	Baltimore	1.00	**1.07**	.75	**.66**	.25	**.41**	.70	10.00	**10.30**	5.00	**5.20**
Agrico for Corn 3-12-6	Baltimore	3.00	**3.16**	2.25	**2.30**	.75	**.86**	.90	12.00	**12.00**	6.00	**6.33**
Agrico for Corn 3-12-6	Baltimore	3.00	**3.12**	2.25	**2.30**	.75	**.82**	.80	12.00	**12.20**	6.00	**6.40**
Agrico for Fruit 9-6-6	Baltimore	9.00	**8.53**	8.10	**7.36**	.90	**1.17**	.40	6.00	**6.70**	6.00	**6.02**
Agrico for Grain 2-12-4	Baltimore	2.00	**2.08**	1.50	**1.57**	.50	**.51**	1.00	12.00	**12.00**	4.00	**4.19**
Agrico for Pastures and Top Dressing 7-6-6	Baltimore	7.00	**6.98**	6.30	**5.97**	.70	**1.01**	.40	6.00	**6.60**	6.00	**6.05**

Agrico for Corn 3-12-6	Baltimore	3.00	3.16	2.25	2.30	.75	.86	.90	12.00	12.00	6.00	6.33

Agrico for Corn 3-12-6	Baltimore	3.00	3.12	2.25	2.30	.75	.82	.80	12.00	12.20	6.00	6.40
Agrico for Fruit 9-6-6	Baltimore	9.00	8.53	8.10	7.36	.90	1.17	.40	6.00	6.70	6.00	6.02
Agrico for Grain 2-12-4	Baltimore	2.00	2.08	1.50	1.57	.50	.51	1.00	12.00	12.00	4.00	4.19
Agrico for Pastures and Top Dressing 7-6-6	Baltimore	7.00	6.98	6.30	5.97	.70	1.01	.40	6.00	6.60	6.00	6.05
Agrico for Potatoes-Tidewater 6-6-5	Baltimore	6.00	5.69	3.60	3.43	2.40	2.26	.40	6.00	6.60	5.00	5.63
Agrico for Potatoes-Tidewater 6-6-5	Baltimore	6.00	6.00	3.60	3.16	2.40	2.84	.40	6.00	6.50	5.00	5.40
Agrico for Potatoes 4-8-7	Baltimore	4.00	3.99	3.00	3.23	1.00	.76	.60	8.00	8.20	7.00	7.40
Agrico for Potatoes 4-8-7	Baltimore	4.00	4.00	3.00	3.02	1.00	.98	.50	8.00	8.50	7.00	7.14
Agrico for Tobacco-Sulphate 5-8-10	Baltimore	5.00	4.98	3.75	3.93	1.25	1.05	.70	8.00	8.40	10.00	10.44
Agrico for Tobacco-Sulphate 5-8-10	Baltimore	5.00	5.01	3.75	3.72	1.25	1.29	.40	8.00	8.70	10.00	10.16
Agrico for Tomatoes 3-12-6	Baltimore	3.00	3.03	2.25	2.08	.75	.95	.70	12.00	12.40	6.00	6.13
Agrico for Tomatoes 3-12-6	Baltimore	3.00	3.03	2.25	2.20	.75	.83	1.10	12.00	12.20	6.00	6.43
Agrico for Truck 5-10-5	Baltimore	5.00	5.11	3.75	4.14	1.25	.97	.80	10.00	10.30	5.00	5.40
†Agrico for Truck 5-10-5	Baltimore	5.00	5.20	3.75	4.63	1.25	.57	1.40	10.00	10.00	5.00	5.40
AA. Climax Fertilizer 3-12-6	Baltimore	3.00	3.17	2.25	2.39	.75	.78	1.20	12.00	11.80	6.00	6.60
AA. Early Trucker Fertilizer 4-8-5	Baltimore	4.00	4.07	3.00	3.13	1.00	.94	.60	8.00	8.50	5.00	5.08
AA. Early Trucker Fertilizer 4-8-5	Baltimore	4.00	4.10	3.00	3.16	1.00	.94	.70	8.00	8.30	5.00	5.20
AA. Early Trucker Fertilizer 4-8-5	Baltimore	4.00	4.17	3.00	3.10	1.00	1.07	.60	8.00	8.90	5.00	5.08
AA. Early Trucker Fertilizer 4-8-5	Baltimore	4.00	4.10	3.00	3.06	1.00	1.04	.60	8.00	8.30	5.00	5.28
AA. Early Trucker Fertilizer 4-8-5	Baltimore	4.00	4.00	3.00	3.20	1.00	.80	.60	8.00	8.70	5.00	5.00
AA. Farmers Friend Fertilizer 2-12-4	Baltimore	2.00	2.04	1.50	1.52	.50	.52	.70	12.00	12.20	4.00	4.40
AA. Farmers Friend Fertilizer 2-12-4	Baltimore	2.00	2.09	1.50	1.43	.50	.66	.60	12.00	12.00	4.00	4.42
AA. Fine Ground Bone	Baltimore	2.47	2.79						*23.00	*26.10		
AA. Gladiator Fertilizer 4-8-7	Baltimore	4.00	3.99	3.00	3.00	1.00	.99	.70	8.00	8.40	7.00	7.37
AA. Gladiator Fertilizer 4-8-7	Baltimore	4.00	4.16	3.00	3.20	1.00	.96	.80	8.00	8.10	7.00	7.14
AA. Golden Leaf Tob. Fert.–Sulphate 4-8-7	Baltimore	4.00	3.99	3.00	2.98	1.00	1.01	.70	8.00	8.70	7.00	7.26
AA. Golden Leaf Tob. Fert.–Sulphate 4-8-7	Baltimore	4.00	3.98	3.00	2.95	1.00	1.03	.60	8.00	8.80	7.00	7.14
AA. Kainit 14%	Baltimore										14.00	14.90
AA.Kangaroo Komplete Kompound 2-10-4	Baltimore	2.00	2.05	1.50	1.47	.50	.58	.70	10.00	10.30	4.00	4.42
AA.Kangaroo Komplete Kompound 2-10-4	Baltimore	2.00	2.01	1.50	1.47	.50	.54	.90	10.00	10.40	4.00	4.40
AA. Old Hickory Fertilizer 2-8-10	Baltimore	2.00	2.01	1.50	1.40	.50	.61	.70	8.00	7.90	10.00	10.40
AA. Old Hickory Fertilizer 2-8-10	Baltimore	2.00	2.02	1.50	1.46	.50	.56	.60	8.00	8.40	10.00	10.70
AA. Pr. George Tob. Fert.–Sulphate 4-8-12	Baltimore	4.00	4.02	3.00	3.00	1.00	1.02	.60	8.00	8.60	12.00	12.04
AA. Pr. George Tob. Fert.–Sulphate 4-8-12	Baltimore	4.00	4.00	3.00	3.00	1.00	1.00	.60	8.00	8.70	12.00	12.26
AA. Pure Raw Bone	Baltimore	3.70	3.73						*20.00	*22.00		
AA. Pulverized Sheep & Goat Manure	Baltimore	1.25	1.61						*1.00	*2.10	2.00	3.80
AA. Red Dog Fertilizer 2-9-5	Baltimore	2.00	2.01	1.50	1.45	.50	.56	.70	9.00	9.00	5.00	5.78
AA. Red Dog Fertilizer 2-9-5	Baltimore	2.00	1.98	1.50	1.43	.50	.55	1.00	9.00	9.40	5.00	5.04
AA. Red Dog Fertilizer 2-9-5	Catonsville	2.00	1.98	1.50	1.47	.50	.51	.90	9.00	9.10	5.00	5.24
AA. Red Leaf Tob. Fert. Sulphate 4-8-10	Baltimore	4.00	4.02	3.00	3.12	1.00	.90	.90	8.00	8.40	10.00	10.00
AA. Reliance Fertilizer 5-8-5	Baltimore	5.00	5.03	3.75	3.79	1.25	1.24	.50	8.00	8.80	5.00	5.20
AA. Silk Leaf Tob. Fert. Sulphate 2-8-10	Baltimore	2.00	2.11	1.50	1.60	.50	.51	.70	8.00	8.80	10.00	10.40
AA. Sulphate of Ammonia 20.50-0-0	Baltimore	20.50	20.60									

‡ Not Licensed at time of sale.

* Total Phosphoric Acid.

† Mineral and Organic Findings do not substantiate manufacturers declaration.

Manufacturer and Brand Name	Place of Sampling	NITROGEN (N)						PHOSPHORIC ACID (P_2O_5)			POTASH (K_2O)	
		Total		Mineral		Organic		Insoluble	Available			
		Guaranteed	FOUND	Declared	FOUND	Declared	FOUND	FOUND	Guaranteed	FOUND	Guaranteed	FOUND
American Agricultural Chemical Co., Baltimore, Md. (Cont.)												
AA. Sweepstakes Tob. Fert. Sulphate 3-8-3	Baltimore	3.00	**2.91**	2.25	**2.13**	.75	**.78**	**.60**	8.00	**8.50**	3.00	**3.80**
AA. 2-8-5 Fertilizer	Baltimore	2.00	**2.04**	1.50	**1.56**	.50	**.48**	**.70**	8.00	**8.70**	5.00	**5.35**
‡AA. Tobacco Bed Fert. Sulphate 6-6-8	Baltimore	6.00	**5.98**	5.40	**5.03**	.60	**.95**	**.40**	6.00	**6.80**	8.00	**8.30**
AA. Tobacco Bed Fert. Sulphate 6-6-8	Baltimore	6.00	**6.09**	5.40	**5.11**	.60	**.98**	**.30**	6.00	**6.80**	8.00	**8.38**
AA. Top Dresser Fertilizer 5-8-0	Baltimore	5.00	**5.26**	3.75	**3.89**	1.25	**1.37**	**.80**	8.00	**8.70**	.....	.....
AA. Truckers Favorite 6-6-5	Baltimore	6.00	**6.04**	4.50	**4.59**	1.50	**1.45**	**.40**	6.00	**6.50**	5.00	**5.35**
AA. Truckers Favorite 6-6-5	Baltimore	6.00	**5.98**	4.50	**4.46**	1.50	**1.52**	**.60**	6.00	**6.30**	5.00	**5.28**
AA. Victory Mixture 0-12-5	Baltimore	.....	.....	.....	.....	.....	.....	**.50**	12.00	**12.60**	5.00	**5.16**
Detrick's Gold Basis Fertilizer 6-6-5	Baltimore	6.00	**5.98**	3.60	**3.60**	2.40	**2.38**	**.50**	6.00	**6.40**	5.00	**5.40**
Detrick's Gold Basis Fertilizer 6-6-5	Baltimore	6.00	**5.73**	3.60	**3.63**	2.40	**2.10**	**.40**	6.00	**6.50**	5.00	**5.67**
Detrick's Gold Basis Fertilizer 6-6-5	Baltimore	6.00	**6.11**	3.60	**3.73**	2.40	**2.38**	**.40**	6.00	**6.50**	5.00	**5.90**
Listers Superphosphate 16%	Baltimore	6.00	**6.04**	3.60	**3.64**	2.40	**2.40**	**.50**	6.00	**6.60**	5.00	**5.36**
Listers Harvest Queen Fertilizer 2-9-5	Baltimore	.....	.....	.....	.....	.....	.....	**1.20**	16.00	**16.90**	.....	.....
Patapsco Big Chief Fertilizer 2-9-5	Baltimore	2.00	**2.01**	1.50	**1.54**	.50	**.47**	**.70**	9.00	**9.10**	5.00	**5.28**
Slingluff's Plant Bed Fert. Sulphate 10-5-2	Baltimore	2.00	**2.01**	1.50	**1.40**	.50	**.61**	**.80**	9.00	**9.00**	5.00	**5.40**
Slingluff's Plant Bed Fert. Sulphate 10-5-2	Baltimore	10.00	**9.52**	9.00	**8.73**	1.00	**.79**	**.30**	5.00	**5.70**	2.00	**2.13**
‡Slingluff's Plant Bed Fert. Sulphate 10-5-2	Baltimore	10.00	**10.20**	9.00	**9.16**	1.00	**1.04**	**.30**	5.00	**5.70**	2.00	**2.10**
		10.00	**9.83**	9.00	**8.61**	1.00	**1.22**	**.40**	5.00	**5.50**	2.00	**2.94**
American Cyanamid Co., New York, N. Y.												
Aero Cyanamid	Baltimore	22.00	**22.04**	.....	.....	.....	.....	.....	.....	.....	.....	.....
Aero Cyanamid	Baltimore	22.00	**22.07**	.....	.....	.....	.....	.....	.....	.....	.....	.....
American Soda Products Co., Moorestown, N. J.												
‡Grogreen Fern Food	Baltimore	3.00	**4.07**	1.80	**2.25**	1.20	**1.82**	**1.70**	8.00	**10.30**	3.00	**3.40**
Armour Fertilizer Works, Baltimore, Md.												
Big Crop Superphosphate 20%	Baltimore	.....	.....	.....	.....	.....	.....	**.60**	20.00	**20.00**	.....	.....
Big Crop Superphosphate 20%	Baltimore	.....	.....	.....	.....	.....	.....	**.60**	20.00	**20.70**	.....	.....
Big Crop Superphosphate 16%	Baltimore	.....	.....	.....	.....	.....	.....	**.40**	16.00	**16.10**	.....	.....
Big Crop Superphosphate 16%	Baltimore	.....	.....	.....	.....	.....	.....	**.30**	16.00	**16.30**	.....	.....
Big Crop 8-5-2 Fertilizer	Baltimore	8.00	**8.00**	7.20	**7.18**	.80	**.82**	**.10**	5.00	**5.30**	2.00	**2.25**
Big Crop 8-5-2 Fertilizer	Baltimore	8.00	**7.83**	7.20	**6.97**	.80	**.86**	**.20**	5.00	**5.10**	2.00	**2.24**
Big Crop 5-10-5 Fertilizer	Baltimore	8.00	**7.75**	7.20	**6.83**	.80	**.92**	**.20**	5.00	**5.40**	2.00	**2.21**
Big Crop 5-8-5 Fertilizer	Baltimore	5.00	**5.08**	3.75	**3.54**	1.25	**1.54**	**.30**	10.00	**10.60**	.....	.....

Big Crop Superphosphate 16%	Baltimore							.40	16.00	16.10			
								.30	16.00	16.30			
Big Crop 8-5-2 Fertilizer	Baltimore	8.00	8.00	7.20	7.18	.80	.82	.10	5.00	5.30	2.00	2.25	
Big Crop 8-5-2 Fertilizer	Baltimore	8.00	7.83	7.20	6.97	.80	.86	.20	5.00	5.10	2.00	2.24	
Big Crop 8-5-2 Fertilizer	Baltimore	8.00	7.75	7.20	6.83	.80	.92	.20	5.00	5.40	2.00	2.21	
Big Crop 5-10-5 Fertilizer	Elkton	5.00	5.08	3.75	3.54	1.25	1.54	.20	10.00	10.20	5.00	5.35	
Big Crop 5-8-5 Fertilizer	Baltimore	5.00	5.05	3.00	2.79	2.00	2.26	.10	8.00	8.60	5.00	5.00	
Big Crop 4-8-10 Fertilizer	Baltimore	4.00	3.99	3.00	3.09	1.00	.90	.20	8.00	9.20	10.00	9.48	
Big Crop 4-8-10 Fertilizer	Baltimore	4.00	4.13	3.00	3.05	1.00	1.08	.10	8.00	8.50	10.00	10.00	
Big Crop 4-8-7 Fertilizer	Baltimore	4.00	4.03	3.00	3.09	1.00	.94	.20	8.00	8.30	7.00	7.33	
Big Crop 4-8-7 Fertilizer	Baltimore	4.00	4.04	3.00	2.78	1.00	1.26	.20	8.00	8.10	7.00	7.76	
Big Crop 4-8-5 Fertilizer	Baltimore	4.00	4.00	3.00	3.00	1.00	1.00	.20	8.00	8.30	7.00	7.60	
Big Crop 4-8-5 Fertilizer	Baltimore	4.00	4.06	2.40	2.47	1.60	1.59	.10	8.00	8.00	5.00	5.00	
Big Crop 4-8-5 Fertilizer	Baltimore	4.00	3.89	2.40	2.44	1.60	1.45	.20	8.00	8.10	5.00	5.12	
Big Crop 4-8-5 Fertilizer	Baltimore	4.00	3.99	2.40	2.20	1.60	1.79	.30	8.00	8.20	5.00	5.12	
Big Crop 4-8-5 Fertilizer	Baltimore	4.00	4.00	2.40	2.27	1.60	1.73	.20	8.00	8.20	5.00	5.35	
‡Armour's Half and Half Mixture	Baltimore	4.00	4.02	2.40	2.54	1.60	1.48	.20	8.00	8.60	5.00	5.16	
Kainit	Baltimore							.10	8.00	8.30	7.00	7.44	
Kainit	Easton										14.00	15.00	
Big Crop 1-10-5 Fertilizer	Baltimore										14.00	14.52	
Raw Bone Meal	Baltimore	1.00	1.02	.75	.66	.25	.36	.20	10.00	10.00	5.00	5.01	
Sheep and Goat Manure	Baltimore	3.70	4.03						*20.00	*22.70			
Sheep and Goat Manure	Baltimore	1.25	1.78						*1.00	*1.90	2.00	3.80	
Big Crop 6-6-5 Fertilizer	Baltimore	1.25	1.70						*1.00	*1.70	2.00	3.13	
Big Crop 6-6-5 Fertilizer	Baltimore	6.00	5.98	3.60	3.38	2.40	2.60	.10	6.00	6.40	5.00	5.00	
Big Crop 6-6-5 Fertilizer	Baltimore	6.00	5.90	3.60	3.65	2.40	2.25	.10	6.00	6.50	5.00	5.04	
Sulphate of Ammonia	Baltimore	6.00	5.90	3.60	3.71	2.40	2.19	.20	6.00	6.20	5.00	5.20	
Big Crop 3-12-6 Fertilizer	Baltimore	20.50	20.58										
Big Crop 3-8-10 Fertilizer	Baltimore	3.00	3.24	2.25	2.30	.75	.94	.50	12.00	12.20	6.00	6.36	
Big Crop 0-12-5 Fertilizer	Baltimore	3.00	3.00	2.25	2.21	.75	.79	.10	8.00	8.10	10.00	10.40	
Big Crop 0-12-5 Fertilizer	Baltimore							.40	12.00	12.50	5.00	5.07	
Big Crop 0-10-10 Fertilizer	Baltimore							.40	12.00	12.50	5.00	5.00	
Big Crop 2-12-4 Fertilizer	Baltimore							.40	10.00	10.90	10.00	9.80	
Big Crop 2-9-5 Fertilizer	Baltimore	2.00	2.06	1.50	1.50	.50	.56	.20	12.00	12.00	4.00	4.70	
Big Crop 2-9-5 Fertilizer	Baltimore	2.00	2.11	1.50	1.66	.50	.45	.20	9.00	8.80	5.00	5.28	
Big Crop 2-9-5 Fertilizer	Easton	2.00	2.12	1.50	1.40	.50	.72	.20	9.00	9.00	5.00	5.35	
Big Crop 2-8-10 Fertilizer	Baltimore	2.00	2.02	1.50	1.43	.50	.59	.10	9.00	9.00	5.00	5.04	
Big Crop 2-8-10 Fertilizer	Baltimore	2.00	1.98	1.50	1.47	.50	.51	.10	8.00	8.30	10.00	10.34	
Big Crop 2-8-10 Fertilizer	Baltimore	2.00	2.01	1.50	1.38	.50	.63	.20	8.00	8.30	10.00	10.08	
Big Crop 2-8-5 Fertilizer	Baltimore	2.00	2.02	1.50	1.35	.50	.67	.30	8.00	9.90	10.00	9.32	
		2.00	2.01	1.50	1.46	.50	.55	.20	8.00	8.10	5.00	5.00	
Associated Chemical Co., Baltimore, Md.													
‡Kainit 14%	Baltimore												
Pure Raw Bone	Baltimore	3.70	4.27						*20.00	*22.60	14.00	14.62	

‡ Not Licensed at time of Sale.

* Total Phosphoric Acid.

Manufacturer and Brand Name	Place of Sampling	NITROGEN (N)						PHOSPHORIC ACID (P_2O_5)			POTASH (K_4O)	
		Total		Mineral		Organic		Insoluble	Available			
		Guaranteed	FOUND	Declared	FOUND	Declared	FOUND	FOUND	Guaranteed	FOUND	Guaranteed	FOUND
Associated Chemical Co., Baltimore, Md. (Cont.)												
‡Sheep and Goat Manure	Baltimore	1.25	**1.60**	.....	.....	.....	.....	.....	*1.00	***1.90**	2.00	**3.84**
Sulphate of Ammonia	Baltimore	20.56	**20.48**	.....	.....	.....	.....	.....	.....	.....	.....	.....
Baltimore Fertilizer Co., Baltimore, Md.												
Honest Superphosphate 16%	Bel Air	.....	.....	.....	.....	.....	.....	**.20**	16.00	**19.50**	.....	.....
‡Honest 4-8-5	Fallston	4.00	**3.86**	3.50	**3.28**	.50	**.58**	**.30**	8.00	**8.60**	5.00	**5.35**
Honest 4-8-4	Fallston	4.00	**2.84**	3.50	**2.16**	.50	**.68**	**.40**	8.00	**9.90**	4.00	**4.85**
Honest 4-8-4 Fertilizer	Glyndon	4.00	**3.99**	3.50	**3.26**	.50	**.73**	**.40**	8.00	**8.00**	4.00	**4.34**
‡Honest 1-10-5	Glyndon	1.00	**1.17**	.50	**.67**	.50	**.50**	**.20**	10.00	**10.00**	5.00	**5.71**
Honest Tobacco Bed Guano	Baltimore	8.00	**8.01**	7.40	**6.99**	.60	**1.02**	**.30**	5.00	**5.50**	2.00	**2.40**
Honest Trucker 5-7-5	Fallston	5.00	**5.28**	4.50	**4.41**	.50	**.87**	**.20**	7.00	**8.80**	5.00	**5.04**
Honest 2-9-5	Baltimore	2.00	**2.06**	1.50	**1.43**	.50	**.63**	**.30**	9.00	**9.50**	5.00	**5.78**
Honest 2-9-5	Baltimore	2.00	**2.15**	1.50	**1.57**	.50	**.58**	**.50**	9.00	**9.50**	5.00	**5.42**
Honest 2-8-10	Fallston	2.00	**1.90**	1.50	**1.07**	.50	**.83**	**.40**	8.00	**8.70**	10.00	**10.00**
‡Honest 2-8-10	Glyndon	2.00	**2.01**	1.50	**1.49**	.50	**.52**	**.40**	8.00	**8.30**	10.00	**10.40**
Honest 2-8-5	Glyndon	2.00	**2.08**	1.50	**1.53**	.50	**.55**	**.20**	8.00	**8.80**	5.00	**5.43**
Honest 2-8-5	Fallston	2.00	**2.18**	1.50	**1.46**	.50	**.72**	**.20**	8.00	**8.10**	5.00	**5.42**
Barrett Company, New York, N. Y.												
Arcadian Nitrate of Soda	College Park	16.00	**16.22**	.....	.....	.....	.....	.....	.....	.....	.....	.....
Arcadian Nitrate of Soda	Beltsville	16.00	**16.20**	.....	.....	.....	.....	.....	.....	.....	.....	.....
W. J. Barton & Son, Centreville, Md.												
"MBW" Super Phosphate	Centreville	.....	.....	.....	.....	.....	.....	**1.30**	16.00	**16.90**	.....	.....
"MBW" Fruit Special	Centreville	2.00	**1.88**	1.50	**.87**	.50	**1.01**	**.80**	9.00	**9.70**	5.00	**5.12**
Baugh & Sons Co., Baltimore, Md.												
Baughphos, The Ideal Superphosphate 20%	Baltimore	.....	.....	.....	.....	.....	.....	**.60**	20.00	**20.50**	.....	.....
Baughphos, The Ideal Superphosphate 18%	Baltimore	.....	.....	.....	.....	.....	.....	**.50**	18.00	**17.50**	.....	.....
Baughphos, The Ideal Superphosphate 16%	Baltimore	.....	.....	.....	.....	.....	.....	**.50**	16.00	**15.90**	.....	.....
Baughphos, The Ideal Superphosphate 16%	Baltimore	.....	.....	.....	.....	.....	.....	**.50**	16.00	**15.90**	.....	.....

Baughphos, The Ideal Superphosphate 16%	Baltimore							.50	16.00	15.90		
Baughphos, The Ideal Superphosphate 16%	Baltimore							.50	16.00	16.40		
Advanced Growers Special 5-8-7	Baltimore	5.00	5.04	4.10	3.95	.90	1.09	.70	8.00	8.50	7.00	7.29
Advanced Growers Special 5-8-7	Laurel	5.00	4.73	4.10	4.03	.90	.70	.80	8.00	8.50	7.00	7.37
Animal Base and Potash Compound 3-8-10	Baltimore	3.00	3.05	2.10	2.18	.90	.87	1.20	8.00	8.20	10.00	10.40
Animal Base and Potash Compound 3-8-10	Denton	3.00	3.02	2.10	2.21	.90	.81	1.20	8.00	8.20	10.00	10.32
Balanced Plant Food 4-12-4	Grantsville	4.00	4.02	3.10	2.89	.90	1.13	1.00	12.00	12.30	4.00	4.40
Balanced Plant Food 4-12-4	Baltimore	4.00	4.10	3.10	3.13	.90	.97	1.10	12.00	12.20	4.00	4.28
Commercial Crop Compound 2-8-10	Baltimore	2.00	1.99	1.40	1.32	.60	.67	.80	8.00	8.30	10.00	10.00
Commercial Crop Compound 2-8-10	Baltimore	2.00	2.02	1.40	1.33	.60	.69	.90	8.00	8.10	10.00	10.24
Complete Animal Base Fertilizer 2-9-5	Baltimore	2.00	2.16	1.40	1.47	.60	.69	1.00	9.00	9.30	5.00	5.12
Complete Animal Base Fertilizer 2-9-5	Boonsboro	2.00	1.99	1.40	1.35	.60	.64	1.00	9.00	9.20	5.00	5.40
Complete Animal Base Fertilizer 2-9-5	Laurel	2.00	2.02	1.40	1.32	.60	.70	1.00	9.00	9.40	5.00	5.35
Domestic Sheep Manure	Baltimore	2.00	1.98						*1.00	*1.40	1.00	2.84
Domestic Sheep Manure	Baltimore	2.00	3.09						*1.00	*1.00	1.00	1.71
Double Eagle Phosphate 2-12-4	Grantsville	2.00	1.92	1.40	1.31	.60	.61	1.20	12.00	12.60	4.00	4.08
Double Eagle Phosphate 2-12-4	Baltimore	2.00	2.16	1.40	1.52	.60	.64	1.00	12.00	12.10	4.00	4.40
Double Eagle Phosphate 2-12-4	Baltimore	2.00	2.02	1.40	1.43	.60	.59	1.20	12.00	12.30	4.00	4.34
Excelsior Mixture 1-10-5	Baltimore	1.00	1.07	.70	.74	.30	.33	1.00	10.00	10.00	5.00	5.39
4-8-15 for Tobacco	Baltimore	4.00	4.02	3.00	2.67	1.00	1.35	.70	8.00	8.80	15.00	15.52
4-8-12 for Tobacco	Baltimore	4.00	3.97	3.00	2.93	1.00	1.04	.90	8.00	8.50	12.00	12.06
‡4-8-12 for Tobacco	Baltimore	4.00	3.99	3.00	3.13	1.00	.86	1.00	8.00	8.20	12.00	12.00
‡4-8-10	Baltimore	4.00	4.03	3.20	3.13	.80	.90	.80	8.00	8.90	10.00	11.18
‡4-8-10 for Tobacco	Baltimore	4.00	3.90	3.00	2.86	1.00	1.04	1.30	8.00	8.20	10.00	9.86
‡4-8-7 for Tobacco	Baltimore	4.00	3.99	3.00	3.07	1.00	.92	.90	8.00	8.40	7.00	7.22
‡4-8-5 for Tobacco	Baltimore	4.00	4.04	3.00	2.99	1.00	1.05	.90	8.00	8.40	5.00	5.01
Genuine Imported Kainit	Baltimore										14.00	15.14
Genuine Imported Kainit	Denton										14.00	14.58
‡Ground Dried Blood	Baltimore	12.00	12.00									
Half Century Perfection Brand 4-8-7	Baltimore	4.00	4.03	3.10	2.96	.90	1.07	.80	8.00	8.60	7.00	7.00
Half Century Perfection Brand 4-8-7	Denton	4.00	3.99	3.10	3.24	.90	.75	.80	8.00	8.20	7.00	7.42
Half Century Perfection Brand 4-8-7	Baltimore	4.00	4.03	3.10	3.26	.90	.77	.70	8.00	8.30	7.00	7.25
Half Century Perfection Brand 4-8-7	Baltimore	4.00	4.04	3.10	3.26	.90	.78	.70	8.00	8.10	7.00	7.37
Half and Half Mixture with Potash 1-10-5	Providence	1.00	1.10	0.00	0.00	1.00	1.02	3.90	10.00	11.20	5.00	5.12
‡High Grade Fish Brand 3-12-6	Baltimore	3.00	3.13	1.80	1.61	1.20	1.52	1.30	12.00	12.30	6.00	6.24
‡High Grade Fish Brand 3-12-6	Georgetown	3.00	2.98	1.80	1.58	1.20	1.40	1.10	12.00	12.60	6.00	6.36
Muriate of Potash	Cumberland										48.00	48.70
New Process 8%, 8-5-2	Baltimore	8.00	7.98	6.80	6.54	1.20	1.44	.40	5.00	5.20	2.00	2.21
New Process 8%, 8-5-2	Baltimore	8.00	8.07	6.80	6.30	1.20	1.77	.20	5.00	5.90	2.00	2.00
New Process 8%, 8-5-2	Baltimore	8.00	7.87	6.80	6.46	1.20	1.40	.40	5.00	5.60	2.00	2.40
New Process 8%, 8-5-2	Baltimore	8.00	7.78	6.80	6.40	1.20	1.38	.30	5.00	5.60	2.00	2.40

‡ Not Licnesed at time of sale.

* Total Phosphoric Acd.

Manufacturer and Brand Name	Place of Sampling	NITROGEN (N)						PHOSPHORIC ACID (P_2O_5)			POTASH (K_2O)	
		Total		Mineral		Organic		Insoluble	Available			
		Guaranteed	FOUND	Declared	FOUND	Declared	FOUND	FOUND	Guaranteed	FOUND	Guaranteed	FOUND
Baugh & Sons Co., Baltimore, Md. (Cont.)												
New Process 8%, 8-5-2	Baltimore	8.00	**7.87**	6.80	**6.19**	1.20	**1.68**	**.50**	5.00	**5.20**	2.00	**2.10**
‡New Process 8%, 8-5-2	Baltimore	8.00	**7.87**	6.80	**6.76**	1.20	**1.11**	**.70**	5.00	**5.20**	2.00	**2.32**
New Process 8%, 8-5-2	Baltimore	8.00	**7.85**	6.80	**6.30**	1.20	**1.55**	**.40**	5.00	**5.50**	2.00	**2.13**
‡Nitrate of Soda	Baltimore	15.50	**15.81**	.....	.....	.....	.....	.....	.....	.....	.....	.....
The Old Stand-By 2-12-2	Baltimore	2.00	**2.06**	1.40	**1.33**	.60	**.73**	**1.20**	12.00	**12.50**	2.00	**2.34**
1-9-4	Linwood	1.00	**1.05**	.70	**.74**	.30	**.31**	**1.10**	9.00	**10.20**	4.00	**5.39**
‡1-9-4	Baltimore	1.00	**1.15**	.70	**.76**	.30	**.39**	**.90**	9.00	**9.30**	4.00	**4.26**
Original Potato Guano 6-6-5	Baltimore	6.00	**5.81**	3.60	**3.47**	2.40	**2.34**	**.60**	6.00	**6.50**	5.00	**5.07**
Original Potato Guano 6-6-5	Baltimore	6.00	**5.92**	3.60	**3.74**	2.40	**2.18**	**.80**	6.00	**6.20**	5.00	**5.28**
Original Potato Guano 6-6-5	Baltimore	6.00	**6.00**	3.60	**3.73**	2.40	**2.27**	**.50**	6.00	**6.30**	5.00	**5.31**
Peruvian Guano Substitute 4-8-5	Baltimore	4.00	**4.07**	3.10	**3.23**	.90	**.84**	**.70**	8.00	**8.60**	5.00	**5.35**
Peruvian Guano Substitute 4-8-5	Baltimore	4.00	**4.10**	3.10	**3.23**	.90	**.87**	**.80**	8.00	**8.40**	5.00	**5.35**
Peruvian Guano Substitute 4-8-5	Baltimore	4.00	**3.99**	3.10	**3.34**	.90	**.65**	**1.10**	8.00	**8.00**	5.00	**5.31**
Peruvian Guano Substitute 4-8-5	Baltimore	4.00	**4.07**	3.10	**3.29**	.90	**.78**	**1.10**	8.00	**8.40**	5.00	**5.40**
Phosphate and Potash Mixture 0-12-5	Baltimore	.....	.....	.....	.....	.....	.....	**1.30**	12.00	**12.20**	5.00	**5.55**
Plant Bed Fertilizer 6-6-8	Baltimore	6.00	**6.00**	5.10	**4.77**	.90	**1.23**	**.40**	6.00	**6.50**	8.00	**8.38**
Plant Bed Fertilizer 6-6-8	Baltimore	6.00	**6.09**	5.10	**4.89**	.90	**1.20**	**.50**	6.00	**6.20**	8.00	**8.24**
‡Pure Bone and Muriate of Potash Mixture 2-10-5	Baltimore	2.00	**2.22**	0.00	**0.00**	2.00	**2.22**	**8.70**	10.00	**14.30**	5.00	**5.40**
Pure Steamed Bone Meal	Baltimore	2.47	**2.51**	.....	.....	.....	.....	.....	*23.00	***25.40**	.....	.....
Pure Steamed Bone Meal	Baltimore	2.47	**2.53**	.....	.....	.....	.....	.....	*23.00	***25.20**	.....	.....
Raw Bone Meal	Cumberland	3.70	**3.79**	.....	.....	.....	.....	.....	*21.50	***22.10**	.....	.....
Raw Bone Meal	Baltimore	3.70	**3.68**	.....	.....	.....	.....	.....	*21.50	***22.00**	.....	.....
Special Potato Manure 2-9-5	Baltimore	2.00	**2.05**	1.40	**1.35**	.60	**.70**	**.90**	9.00	**9.10**	5.00	**5.40**
Special Potato Manure 2-9-5	Baltimore	2.00	**1.99**	1.40	**1.31**	.60	**.68**	**1.00**	9.00	**9.00**	5.00	**5.63**
Special Tobacco Manure 4-8-4	Baltimore	4.00	**3.98**	3.00	**3.00**	1.00	**.98**	**.90**	8.00	**9.30**	4.00	**4.89**
‡Sweet Potato Manure 3-8-8	Denton	3.00	**2.99**	2.25	**2.18**	.75	**.81**	**1.00**	8.00	**8.30**	8.00	**8.42**
‡10-6-4	Baltimore	10.00	**10.00**	8.00	**8.08**	2.00	**1.92**	**.50**	6.00	**6.40**	4.00	**4.66**
Trucker's Favorite 5-10-5	Baltimore	5.00	**5.00**	4.10	**4.13**	.90	**.87**	**.80**	10.00	**10.80**	5.00	**5.28**
Trucker's Favorite 5-10-5	Baltimore	5.00	**4.98**	4.10	**4.13**	.90	**.85**	**.80**	10.00	**10.40**	5.00	**5.00**
Trucker's Favorite 5-10-5	Baltimore	5.00	**4.87**	4.10	**3.90**	.90	**.97**	**.90**	10.00	**10.50**	5.00	**5.04**
‡*0-12-10 for Tobacco*	Baltimore	.....	.....	.....	.....	.....	.....	**.90**	12.00	**12.80**	10.00	**10.02**
2-12-15 for Tobacco	Baltimore	2.00	**2.43**	1.50	**1.71**	.50	**.72**	**.70**	12.00	**12.40**	15.00	**15.52**
‡2-12-8 for Tobacco	Baltimore	2.00	**2.30**	1.50	**1.77**	.50	**.53**	**1.00**	12.00	**12.00**	8.00	**8.42**

Trucker's Favorite 5-10-5	Baltimore	5.00	4.87	4.10	3.90	.90	.97	.90	10.00	10.50	5.00	5.04

‡0-12-10 for Tobacco	Baltimore							.90	12.00	12.80	10.00	10.02
2-12-15 for Tobacco	Baltimore	2.00	2.43	1.50	1.71	.50	.72	.70	12.00	12.40	15.00	15.52
‡2-12-8 for Tobacco	Baltimore	2.00	2.30	1.50	1.77	.50	.53	1.00	12.00	12.00	8.00	8.42
2-9-3	Baltimore	2.00	2.18	1.40	1.43	.60	.75	.90	9.00	9.10	3.00	3.42
‡2-9-3	Baltimore	2.00	1.99	1.40	1.32	.60	.67	.80	9.00	10.00	3.00	3.18
‡2-8-15 for Tobacco	Baltimore	2.00	2.27	1.50	1.71	.50	.56	.90	8.00	8.70	15.00	14.58
2-8-10 for Tobacco	Baltimore	2.00	2.13	1.50	1.46	.50	.67	1.00	8.00	8.50	10.00	10.16
‡2-8-5	Baltimore	2.00	2.06	1.40	1.33	.60	.76	.70	8.00	8.40	5.00	5.32
2-8-5	Baltimore	2.00	2.13	1.40	1.33	.60	.80	.90	8.00	8.00	5.00	5.40
2-8-5	Linwood	2.00	2.02	1.40	1.39	.60	.63	.80	8.00	8.20	5.00	5.31
‡Yucatan Tobacco Mixture 3-8-3	Baltimore	3.00	3.51	2.25	2.75	.75	.76	1.00	8.00	8.40	3.00	3.40
Herbert Bryant, Inc., Alexandria, Va.												
Belle Haven Ammoniated	Silver Springs	2.00	2.13	1.00	1.33	1.00	.80	.50	8.00	8.40	5.00	5.40
‡Colonial Fertilizer for Lawns	Silver Springs	4.00	4.66	2.40	3.20	1.60	1.46	1.40	10.00	11.90	5.00	5.40
Excelsior Ammoniated	Silver Springs	5.00	5.11	3.75	4.10	1.25	1.01	.70	8.00	7.30	5.00	5.00
Excelsior Ammoniated	Silver Springs	5.00	5.26	3.75	4.10	1.25	1.16	.70	8.00	7.30	5.00	5.04
Excelsior Ammoniated	Silver Springs	5.00	4.84	3.75	3.33	1.25	1.51	.80	8.00	8.40	5.00	5.35
High Grade Truck and Potato	Dickerson	3.00	3.02	1.80	1.84	1.20	1.18	.80	8.00	8.10	5.00	5.20
High Grade Truck and Potato	Wash. Grove	3.00	3.09	1.80	1.81	1.20	1.28	.60	8.00	8.00	5.00	5.40
High Grade Fish and Potash	Bethesda	2.00	2.01	1.00	1.01	1.00	1.00	.70	8.00	8.10	3.00	3.40
‡Pulverized Sheep Manure	Silver Springs	1.85	1.92						*1.00	*1.20	2.00	2.00
Pure Animal Bone Meal	Silver Springs	3.70	4.00						*20.60	*22.20	**	
Central Chemical Co., Baltimore, Md.												
"Gro-All" Dissolved Phosphate	Hancock							.70	16.00	16.50		
"Gro-All" Dissolved Phopshate	Middletown							.50	16.00	16.60		
"Gro-All" Crown Jewel	Baltimore	1.00	1.14	.50	.28	.50	.86	.40	10.00	10.30	5.00	5.24
"Gro-All" Crown Jewel	Lewistown	1.00	1.25	.50	.73	.50	.52	.40	10.00	11.10	5.00	5.16
"Gro-All" Excelsior	Hancock	2.00	2.26	1.50	1.54	.50	.72	.30	9.00	9.70	5.00	5.01
"Gro-All" Excelsior	Myersville	2.00	2.19	1.50	1.54	.50	.65	.30	9.00	9.60	5.00	5.16
"Gro-All" Grain Food	Baltimore	2.00	2.12	1.50	1.54	.50	.58	.70	12.00	12.30	4.00	4.40
"Gro-All" Potash Special	Baltimore							.40	12.00	12.00	5.00	5.04
"Gro-All" Potato Special	Baltimore	4.00	3.99	3.50	3.43	.50	.56	.20	8.00	8.90	7.00	7.25
"Gro-All" Potato Special	Baltimore	4.00	3.98	3.50	3.34	.50	.64	.20	8.00	8.60	7.00	7.44
"Gro-All" Potato Special	Maugansville	4.00	4.18	3.50	3.51	.50	.67	.20	8.00	8.60	7.00	7.31
Chewsville Cooperative Association, Inc., Chewsville, Md.												
Superphosphate 16%	Chewsville							.40	16.00	19.30		
Crop Grower 4-12-8	Chewsville	4.00	4.27	3.00	3.17	1.00	1.10	.70	12.00	11.60	8.00	8.38
Golden Harvest 2-10-5	Chewsville	2.00	2.46	1.00	1.47	1.00	.99	.60	10.00	10.30	5.00	5.74
Perfection 4-8-7	Chewsville	4.00	4.11	3.00	2.78	1.00	1.33	.40	8.00	8.60	7.00	7.10
Phosphate and Potash 0-12-5	Chewsville							.40	12.00	13.20	5.00	5.28

‡ Not Licensed at time of sale. * Total Phosphoric Acid. ** Total Phosphoric Acid guarantee on sack differs from licnese.

Manufacturer and Brand Name	Place of Sampling	NITROGEN (N)						PHOSPHORIC ACID (P_2O_5)			POTASH (K_2O)	
		Total		Mineral		Organic		Insoluble	Available			
		Guaranteed	FOUND	Declared	FOUND	Declared	FOUND	FOUND	Guaranteed	FOUND	Guaranteed	FOUND
Chilean Nitrate Sales Corp., New York, N. Y.												
Champion Brand Chilean Nitrate of Soda	Baltimore	16.00	**15.98**									
Champion Brand Chilean Nitrate of Soda	Preston	16.00	**16.16**									
Cover Lawn Seed Co., Baltimore, Md.												
†Hillside Park 4-5-4	Baltimore	4.00	**6.01**	2.00	**4.66**	2.00	**1.35**	**.70**	5.00	**6.00**	4.00	**5.28**
Devilbiss Bros., New Windsor, Md.												
Superphosphate 16%	New Windsor							**1.10**	16.00	**18.40**		
†Butcher House 2-8-5	New Windsor	2.00	**2.27**	1.50	**2.06**	.50	**.21**	**1.30**	8.00	**9.00**	5.00	**6.31**
Wheat Grower 1-9-4	New Windsor	1.00	**1.26**	.70	**.94**	.30	**.32**	**.90**	9.00	**9.90**	4.00	**5.59**
Dorchester Fertilizer Co., Cambridge, Md.												
Superphosphate 16%	Cambridge							**.50**	16.00	**18.10**		
Champion	Cambridge	6.00	**6.00**	5.80	**5.78**	.20	**.22**	**.30**	6.00	**6.40**	5.00	**5.20**
Dorco Diamond	Cambridge	2.00	**2.37**	1.60	**1.87**	.40	**.50**	**1.40**	12.00	**13.00**	4.00	**4.34**
Dorchester	Cambridge							**.40**	8.00	**8.60**	6.00	**6.42**
Favorite	Cambridge	2.00	**1.90**	1.90	**1.68**	.10	**.22**	**.20**	8.00	**8.50**	10.00	**10.48**
Dorco Jewel	Cambridge	5.00	**4.98**	4.50	**4.63**	.50	**.35**	**.50**	8.00	**8.50**	12.00	**12.00**
Dorco Jewel	Cambridge	5.00	**5.04**	4.50	**4.96**	.50	**.08**	**.40**	8.00	**8.70**	12.00	**12.00**
Dorco Regal	Cambridge	4.00	**3.90**	3.60	**3.29**	.40	**.61**	**.10**	8.00	**8.70**	7.00	**7.32**
Dorco Regal	Cambridge	4.00	**4.21**	3.60	**3.85**	.40	**.36**	**.50**	8.00	**8.20**	7.00	**7.22**
Dorco Royal	Cambridge	3.00	**3.10**	2.70	**2.72**	.30	**.38**	**.60**	8.00	**8.90**	10.00	**10.42**
Dorco Royal	Cambridge	3.00	**3.13**	2.70	**3.00**	.30	**.13**	**.50**	8.00	**8.60**	10.00	**10.60**
Kainit 14%	Cambridge										14.00	**14.80**
‡Manure Salts 20%	Cambridge										20.00	**21.12**
Producer	Cambridge	2.00	**2.04**	1.90	**1.97**	.10	**.07**	**.30**	8.00	**8.60**	5.00	**5.59**
Standard	Cambridge							**.40**	11.00	**11.70**	8.00	**8.44**
Trucker	Cambridge	4.00	**4.24**	3.85	**4.07**	.15	**.17**	**.10**	8.00	**8.80**	5.00	**5.16**
Trucker	Cambridge	4.00	**4.09**	3.85	**3.88**	.15	**.21**	**.50**	8.00	**8.10**	5.00	**5.40**
Eastern & Western Fertilizer Co., Inc., Baltimore, Md.												
‡† *Crab Chum Fertilizer*	Baltimore	3.20	**3.26**	0.00	**.46**	3.20	**2.80**		*3.90	*3.30	5.00	**3.06**
‡Crab Chum Plant Tablets	Baltimore	3.20	**3.45**						*3.90	*3.50	5.00	**5.00**
Edelen Bros., Baltimore, Md.												

‡† *Crab Chum Fertilizer*	Baltimore	3.20	3.26	0.00	.46	3.20	2.80	.....	*3.90	*3.30	5.00	3.06
‡*Crab Chum Plant Tablets*	Baltimore	3.20	3.45	.....	.....	.....	.....	.....	*3.90	*3.50	5.00	5.00
Edelen Bros., Baltimore, Md.												
High Grade Tobacco	Baltimore	4.00	3.76	3.50	3.12	.50	.64	.60	8.00	8.10	12.00	13.36
High Grade Tobacco	Baltimore	4.00	3.80	3.50	2.98	.50	.82	.60	8.00	8.60	12.00	12.34
Red Tobacco	Baltimore	3.00	2.98	2.50	2.46	.50	.52	.60	8.00	8.70	10.00	10.40
Red Tobacco	Baltimore	3.00	3.02	2.50	2.25	.50	.77	.60	8.00	8.00	10.00	10.32
10% Tobacco Bed Special	Baltimore	10.00	10.08	9.00	8.64	1.00	1.44	.30	5.00	5.60	2.00	2.17
10% Tobacco Bed Special	Baltimore	10.00	10.20	9.00	8.76	1.00	1.44	.50	5.00	5.40	2.00	2.25
Wheat and Grain Mixture	Baltimore	10.00	10.24	9.00	8.95	1.00	1.29	.50	5.00	5.10	2.00	2.30
	Baltimore	2.00	2.16	1.50	1.59	.50	.57	.40	9.00	9.50	5.00	5.42
Excelsior Plant Food Co., Cumberland, Md.												
Gro-Kwik	Baltimore	5.00	7.81	5.00	5.03	0.00	2.78	4.10	7.00	5.20	2.00	2,00
Farmers Cooperative Association, Inc., Frederick, Md.												
Superphosphate	Frederick	.....	.....	.....	.....	.....	.....	1.90	16.00	17.10	.....	.....
Rock and Potash Special	Frederick	.....	.....	.....	.....	.....	.....	1.40	12.00	12.00	5.00	5.42
Spring Special	Frederick	4.00	3.99	3.60	3.57	.40	.42	.90	8.00	9.60	7.00	8.72
Sure Crop	Frederick	2.00	2.01	1.60	1.45	.40	.56	1.00	12.00	13.10	6.00	5.70
Wheat and Grass Special	Frederick	2.00	2.06	1.40	1.24	.60	.82	1.00	8.00	9.00	5.00	5.28
Farmers Fertilizer & Feed Co., Westminster, Md.												
Superphosphare	Westminster	.....	.....	.....	.....	.....	.....	1.60	16.00	17.30	.....	.....
Farmers Favorite	Westminster	1.00	1.14	.15	.31	.85	.83	1.60	10.00	9.50	5.00	5.16
Hi-Grade	Westminster	2.00	2.16	1.40	1.60	.60	.56	1.00	9.00	9.30	5.00	5.16
Potato Grower	Westminster	2.00	2.12	1.40	1.49	.60	.63	.90	8.00	8.30	5.00	5.08
Truckers Delight	Westminster	4.00	4.00	3.50	3.45	.50	.55	.50	8.00	8.40	7.00	7.22
X X X	Westminster	1.00	1.07	.15	.29	.85	.78	1.00	9.00	9.00	4.00	3.57
Farmers & Planters Co., Salisbury, Md.												
Corn Grower	Salisbury	1.00	1.19	.70	.70	.30	.49	1.00	9.00	10.40	4.00	4.40
Early Vegetable	Pocomoke City	4.00	4.14	2.80	3.24	1.20	.90	.40	8.00	8.10	5.00	5.20
Early Vegetable	Salisbury	4.00	3.99	2.80	2.78	1.20	1.21	.50	8.00	8.30	5.00	5.31
F. & P. Early Truck	Pocomoke City	2.00	1.68	1.40	.98	.60	.70	.60	8.00	8.60	10.00	12.16
Fish Brand Fertilizer	Pocomoke City	2.00	2.13	1.40	1.40	.60	.73	.70	8.00	9.10	5.00	5.40
Lawn and Garden Mixture	Salisbury	4.00	4.00	2.80	3.06	1.20	.94	.40	8.00	8.70	5.00	6.33
Special High Grade	Salisbury	6.00	5.91	4.50	4.55	1.50	1.36	.40	6.00	6.80	5.00	5.31
Sweet Potato Special	Salisbury	2.00	2.01	1.40	1.18	.60	.83	.50	8.00	8.60	8.00	9.86
‡Sweet Potato Special	Salisbury	2.00	2.01	1.40	1.29	.60	.72	.30	8.00	8.00	8.00	9.62
XX Potash Mixture	Pocomoke City	3.00	3.09	2.10	2.02	.90	1.07	.50	8.00	8.70	10.00	10.75
John E. Fitzpatrick, Dundalk, Md.												
Fish Brand Fertilizer 4-8-5	Dundalk	4.00	4.21	3.60	3.79	.40	.42	2.00	8.00	8.40	5.00	5.39

‡ Not Licensed at time of sale. * Total Phosphoric Acid. † Minereral and Organic Findings do not substantiate manufacturers declaration.

Manufacturer and Brand Name	Place of Sampling	NITROGEN (N)						PHOSPHORIC ACID (P_2O_5)			POTASH (K_2O)	
		Total		Mineral		Organic		Insoluble	Available			
		Guaranteed	FOUND	Declared	FOUND	Declared	FOUND	FOUND	Guaranteed	FOUND	Guaranteed	FOUND
Goulard & Olena, Inc., New York, N. Y.												
‡Lawn Garden & Flower	Cambridge	5.00	**5.11**	0.00	**0.00**	5.00	**5.11**	**1.40**	8.00	**9.10**	5.00	**5.08**
‡Sheep Manure	Cambridge	1.50	**1.90**						*1.50	*2.50	2.00	**3.30**
Griffith & Boyd Co., Baltimore, Md.												
Superphosphate H. G. 16%	Baltimore							**.70**	16.00	**17.40**		
Superphosphate H. G. 16%	Baltimore							**.70**	16.00	**17.50**		
‡Fish, Blood & Potash 1-12-3	Baltimore	1.00	**1.12**	.20	**.28**	.80	**.84**	**.70**	12.00	**12.50**	3.00	**3.30**
‡Fish and Potash Guano Brand	Baltimore	2.00	**2.01**	1.40	**1.35**	.60	**.66**	**1.10**	11.00	**11.40**	3.00	**3.14**
Gilt Edge Crop Guano	Baltimore	2.00	**2.01**	1.40	**1.43**	.60	**.58**	**.50**	8.00	**8.30**	10.00	**10.17**
‡Gilt Edge Crop Guano	Baltimore	2.00	**2.08**	1.40	**1.31**	.60	**.77**	**.50**	8.00	**8.30**	10.00	**10.00**
H. G. Fish and Potash Mixture	Baltimore	2.00	**2.02**	1.20	**1.12**	.80	**.90**	**.90**	12.00	**12.60**	8.00	**8.39**
‡H. G. Fish & Potash Mixture	Baltimore	2.00	**2.13**	1.20	**1.18**	.80	**.95**	**.90**	12.00	**12.40**	8.00	**8.38**
High Grade Truck Guano	Baltimore	4.00	**3.86**	3.20	**2.95**	.80	**.91**	**.50**	8.00	**8.70**	7.00	**8.38**
High Grade Truck Guano	Baltimore	4.00	**4.21**	3.20	**3.37**	.80	**.84**	**.70**	8.00	**8.20**	7.00	**7.29**
High Grade Truck Guano	Baltimore	4.00	**3.58**	3.20	**2.50**	.80	**1.08**	**.40**	8.00	**8.20**	7.00	**7.37**
Potato and Truck Guano 6-6-5	Baltimore	6.00	**6.71**	4.20	**4.63**	1.80	**2.08**	**.60**	6.00	**6.30**	5.00	**5.28**
Pure Fine Ground Bone Meal	Baltimore	3.70	**3.90**						*20.00	*22.40		
Reliable Crop Grower	Smithsburg	2.00	**2.11**	1.40	**1.31**	.60	**.80**	**.80**	12.00	**12.40**	4.00	**4.04**
Special Guano	Baltimore	2.00	**2.19**	1.40	**1.54**	.60	**.65**	**.50**	9.00	**9.10**	5.00	**5.35**
Special Guano	Laurel	2.00	**2.11**	1.40	**1.29**	.60	**.82**	**.50**	9.00	**9.20**	5.00	**5.35**
Special Potato Fertilizer	Baltimore	3.00	**2.99**	2.40	**2.18**	.60	**.81**	**.40**	8.00	**8.00**	7.00	**8.92**
Special Potato Fertilizer	Baltimore	3.00	**3.29**	2.40	**2.53**	.60	**.76**	**.50**	8.00	**8.60**	7.00	**7.39**
‡Sulphate of Ammonia	Baltimore	20.50	**19.56**									
Trucker's Special	Baltimore	4.00	**4.13**	3.20	**3.06**	.80	**1.07**	**.60**	8.00	**8.60**	5.00	**5.38**
Trucker's Special	Baltimore	4.00	**4.14**	3.20	**3.14**	.80	**1.00**	**.60**	8.00	**8.40**	5.00	**5.40**
Trucker's Special	Baltimore	4.00	**3.99**	3.20	**3.00**	.80	**.99**	**.50**	8.00	**8.30**	5.00	**5.35**
Griffith & Turner Co., Baltimore, Md.												
Alkaline Plant Food	Baltimore	1.00	**1.14**	.20	**.28**	.80	**.86**	**.80**	10.00	**10.80**	3.00	**3.14**
Ammoniated Butchers Bone Brand	Baltimore	2.00	**2.05**	1.40	**1.31**	.60	**.74**	**.70**	12.00	**12.00**	4.00	**4.30**
Soft Ground Bone	Baltimore	3.00	**3.09**						*14.00	*16.60		
Soft Ground Bone	Baltimore	3.00	**3.07**						*14.00	*16.80		
Special Potato	Baltimore	1.00	**1.12**	.20	**.22**	.80	**.90**	**.80**	10.00	**10.00**	5.00	**5.28**
Special Potato	Baltimore	1.00	**1.20**	.20	**.18**	.80	**1.02**	**.80**	10.00	**9.90**	5.00	**5.50**
Special Truck Mixture	Baltimore	4.00	**4.19**									

Soft Ground Bone	Baltimore	3.00	3.09						*14.00	*16.60		
Soft Ground Bone	Baltimore	3.00	3.07						*14.00	*16.80		
Special Potato	Baltimore	1.00	1.12	.20	.22	.80	.90	.80	10.00	10.00	5.00	5.28
Special Potato	Baltimore	1.00	1.20	.20	.18	.80	1.02	.80	10.00	9.90	5.00	5.59
Special Truck Mixture	Baltimore	4.00	4.10	2.80	3.13	1.20	.97	.80	8.00	8.20	7.00	7.48
Special Truck Mixture	Baltimore	4.00	3.98	2.80	3.14	1.20	.84	.60	8.00	8.40	7.00	7.40
Hampstead Fertilizer Co., Hampstead, Md.												
Superphosphate 16%	Hampstead							.80	16.00	17.00		
1-9-4	Hampstead	1.00	1.12	.50	.62	.50	.52	.50	9.00	9.60	4.00	4.42
2-8-5	Hampstead	2.00	2.11	1.40	1.52	.60	.59	.40	8.00	8.80	5.00	5.40
Heil Co., Milwaukee, Wis.												
‡Heil Quality Dehydrated Weedless Sheep Manure	Wash. Grove	2.00	2.08						*1.50	*1.30	2.00	2.00
Dr. Heinz Co., Cincinnati, Ohio												
Heinz Odorless Bone Meal	Baltimore	1.00	1.04						*29.00	*31.90		
Horsey, Roe & Co., Greensboro, Md.												
"Suregro"	Greensboro	2.00	2.60	1.40	1.68	.60	.92	.50	8.00	6.70	5.00	7.70
Tomato 3-8-10	Greensboro	3.00	3.10	2.00	2.11	1.00	.99	.40	8.00	8.10	10.00	11.56
Trucker's Pride 4-8-5	Greensboro	4.00	4.00	3.20	3.11	.80	.89	.50	8.00	8.40	5.00	5.94
Hubbard Fertilizer Co., Baltimore, Md.												
Superphosphate 16%	Baltimore							.50	16.00	16.80		
4-8-5 Fertilizer	Denton	4.00	3.99	3.50	3.09	.50	.90	.20	8.00	8.40	5.00	5.28
‡Jersey Trucker 2-8-10	Denton	2.00	2.02	1.50	1.33	.50	.69	.20	8.00	8.50	10.00	11.02
Potato Fertilizer 4-8-7	Baltimore	4.00	4.04	3.50	3.51	.50	.53	.20	8.00	8.80	7.00	7.65
Potato Fertilizer 4-8-7	Baltimore	4.00	3.99	3.50	3.30	.50	.69	.20	8.00	8.60	7.00	7.29
6-6-5 Fertilizer	Baltimore	6.00	5.98	5.40	5.37	.60	.61	.20	6.00	7.10	5.00	5.09
2-9-5 Fertilizer	Baltimore	2.00	2.13	1.50	1.40	.50	.73	.50	9.00	9.00	5.00	5.40
2-9-5 Fertilizer	Baltimore	2.00	2.08	1.50	1.33	.50	.75	.50	9.00	9.20	5.00	5.28
‡2-9-5 Fertilizer	Baltimore	2.00	2.05	1.50	1.40	.50	.65	.40	9.00	9.40	5.00	5.02
Huston, Culver & Co., Seaford, Del.												
Acid Phosphate (Superphosphate)	Federalsburg							.30	16.00	18.20		
Crop Grower	Federalsburg	2.00	2.39	1.50	1.83	.50	.56	.30	8.00	7.80	5.00	6.54
Rock & Kainit	Federalsburg							.20	8.00	8.10	6.00	8.00
Huston, Culver & Co's 6%	Federalsburg	6.00	5.53	5.00	3.75	1.00	1.78	.30	6.00	8.20	5.00	6.75
Huston, Culver & Co's Special	Federalsburg	4.00	5.39	3.00	4.42	1.00	.97	.30	8.00	9.00	8.00	7.46
Trucker	Federalsburg	4.00	3.47	3.00	2.86	1.00	.61	.20	8.00	10.30	5.00	5.04

‡ Not Licnesed at time of sale.

* Total Phosphoric Acid.

Manufacturer and Brand Name	Place of Sampling	NITROGEN (N)						PHOSPHORIC ACID (P_2O_5)			POTASH (K_2O)	
		Total		Mineral		Organic		Insoluble	Available			
		Guaranteed	FOUND	Declared	FOUND	Declared	FOUND	FOUND	Guaranteed	FOUND	Guaranteed	FOUND
Independent Manufacturing Co., Philadelphia, Pa.												
‡Smith's Mum Manure	Baltimore	5.00	**6.11**	2.00	**1.71**	3.00	**4.40**	**1.30**	5.00	**12.00**	4.00	**4.08**
Maryland Milling & Supply Co., Sykesville, Md.												
Superphosphate 16%	Sykesville							**.40**	16.00	**17.30**		
Dietrich's Favorite	Sykesville	1.00	**1.12**	.50	**.63**	.50	**.49**	**.60**	9.00	**10.50**	4.00	**4.40**
Fortham's Special	Sykesville	5.00	**4.98**	4.50	**4.64**	.50	**.34**	**.40**	8.00	**9.70**	5.00	**5.94**
Newman's Favorite	Sykesville	2.00	**1.99**	1.50	**1.47**	.50	**.52**	**.60**	8.00	**9.10**	5.00	**5.40**
Phosphate & Potash	Sykesville							**.80**	12.00	**12.10**	5.00	**5.12**
Massey & Wilmer, Chestertown, Md.												
Crop Producer	Chestertown	1.00	**1.07**	.80	**.06**	.20	**1.01**	**.40**	9.00	**9.70**	4.00	**5.01**
Tom, Jr.	Chestertown	4.00	**3.36**	3.00	**2.36**	1.00	**1.00**	**.60**	8.00	**8.60**	5.00	**5.98**
Trustworthy	Chestertown	2.00	**2.18**	1.00	**1.29**	1.00	**.89**	**.50**	8.00	**8.50**	5.00	**5.77**
0-12-5	Chestertown							**1.20**	12.00	**13.00**	5.00	**5.28**
McComas Brothers, Bel Air, Md.												
High Grade 2-8-5 Fertilizer	Bel Air	2.00	**2.01**	1.60	**1.55**	.40	**.46**	**1.50**	8.00	**8.30**	5.00	**5.04**
Medford Fertilizer Works, Medford, Md.												
1-8-5	Medford	1.00	**1.35**	.75	**.98**	.25	**.37**	**.40**	8.00	**8.40**	5.00	**5.28**
2-8-5	Medford	2.00	**2.13**	1.50	**1.63**	.50	**.50**	**.30**	8.00	**8.60**	5.00	**5.51**
0-12-5	Medford							**1.00**	12.00	**12.20**	5.00	**5.67**
F. Mehring Fertilizer Works, Inc., Keymar, Md.												
Superphosphate 16%	Baltimore							**2.90**	16.00	**17.00**		
Superphosphate 16%	Keymar							**1.50**	16.00	**16.60**		
Big 4	Keymar	1.00	**1.18**	.60	**.63**	.40	**.55**	**1.00**	10.00	**10.00**	5.00	**5.59**
Early Truck Guano	Taneytown	4.00	**4.00**	3.50	**3.37**	.50	**.63**	**.90**	8.00	**9.00**	7.00	**7.25**
Early Truck Guano	Woodsboro	4.00	**4.11**	3.50	**3.51**	.50	**.60**	**.70**	8.00	**9.00**	7.00	**7.68**
Early Truck Guano	Keymar	4.00	**4.00**	3.50	**3.34**	.50	**.66**	**.80**	8.00	**9.20**	7.00	**7.40**
Indian Chief	Keymar	2.00	**1.94**	1.60	**1.26**	.40	**.68**	**1.00**	12.00	**13.40**	6.00	**6.95**
Mammouth Truck Grower 1-9-4	Keymar	2.00	**2.19**	1.60	**1.85**	.40	**.34**	**.90**	9.00	**9.10**	5.00	**5.67**
Potash Mixture 2-8-5	Keymar	1.00	**1.05**	.60	**.63**	.40	**.42**	**1.10**	9.00	**9.50**	4.00	**4.58**
	Keymar	2.00	**2.26**	1.60	**1.97**	.40		**.80**	12.00	**12.80**	5.00	**5.16**

Indian Chief	Keymar	2.00	1.94	1.60	1.26	.40	.68	1.00	12.00	13.40	6.00	6.95
Mammouth Truck Grower	Keymar	2.00	2.19	1.60	1.85	.40	.34	.90	9.00	9.10	5.00	5.67
1-9-4	Keymar	1.00	1.05	.60	.63	.40	.42	1.10	9.00	9.50	4.00	4.58
Potash Mixture	Keymar							.80	12.00	12.80	5.00	5.16
2-8-5	Keymar	2.00	2.26	1.60	1.87	.40	.39	.80	8.00	9.20	5.00	5.12
Miller Fertilizer Co., Baltimore, Md.												
Superphosphate 20%	Baltimore							.90	20.00	20.30		
Superphosphate 16%	Baltimore							.70	16.00	16.30		
Superphosphate 16%	Cambridge							.50	16.00	16.50		
‡Lime and Phosphate 14%	Friendsville							1.30	14.00	13.80		
5-8-5 Fertilizer	Baltimore	5.00	5.05	4.50	4.32	.50	.73	.20	8.00	8.90	5.00	5.40
‡4-16-10 Fertilizer	Baltimore	4.00	4.04	3.50	3.40	.50	.64	.80	16.00	15.00	10.00	11.40
4-12-4 Fertilizer	Baltimore	4.00	3.98	3.50	3.36	.50	.62	.50	12.00	12.40	4.00	4.40
4-8-12 Fertilizer	Salisbury	4.00	4.02	3.50	3.65	.50	.37	.20	8.00	8.20	12.00	12.40
4-8-7 Fertilizer	Baltimore	4.00	4.03	3.50	3.29	.50	.74	.20	8.00	8.40	7.00	7.44
4-8-7 Fertilizer	Baltimore	4.00	4.09	3.50	3.44	.50	.65	.10	8.00	8.60	7.00	7.22
4-8-5 Fertilizer	Baltimore	4.00	3.99	3.50	3.12	.50	.87	.40	8.00	8.70	5.00	5.35
4-8-5 Fertilizer	Baltimore	4.00	3.95	3.50	3.20	.50	.75	.30	8.00	8.80	5.00	5.24
‡4-8-4 Fertilizer	Baltimore	4.00	3.98	3.50	3.12	.50	.86	.20	8.00	8.20	5.00	5.63
‡4-8-4 Fertilizer	Baltimore	4.00	4.00	3.50	3.44	.50	.56	.30	8.00	8.50	4.00	4.40
4-4-20 Fertilizer	Salisbury	4.00	4.03	3.50	3.44	.50	.59	.20	8.00	8.80	4.00	4.40
‡4-4-20 Fertilizer	Baltimore	4.00	4.17	3.50	3.48	.50	.69	.10	4.00	5.20	20.00	19.48
1-10-5	Baltimore	4.00	3.99	3.50	3.23	.50	.76	.20	4.00	4.40	20.00	18.96
‡Shoe Peg Brand	Baltimore	1.00	1.10	.50	.28	.50	.82	.60	10.00	10.60	5.00	5.90
6-6-5 Fertilizer	Baltimore	3.00	3.02	2.50	1.95	.50	1.07	.50	10.00	10.20	10.00	11.18
6-6-5 Fertilizer	Baltimore	6.00	5.98	5.40	5.13	.60	.85	.20	6.00	6.90	5.00	5.12
6-6-5 Fertilizer	Baltimore	6.00	5.94	5.40	5.19	.60	.75	.20	6.00	6.50	5.00	5.40
6-6-5 Fertilizer	Baltimore	6.00	5.98	5.40	4.94	.60	1.04	.20	6.00	7.00	5.00	5.42
6-6-5 Fertilizer	Baltimore	6.00	6.05	5.40	5.22	.60	.83	.20	6.00	6.90	5.00	5.04
3-12-6 Fertilizer	Baltimore	6.00	6.05	5.40	5.48	.60	.57	.20	6.00	6.70	5.00	5.32
3-8-10 Fertilizer	Baltimore	3.00	2.98	2.50	2.34	.50	.64	.70	12.00	12.40	6.00	6.52
3-8-10 Fertilizer	Baltimore	3.00	2.91	2.50	2.37	.50	.54	.30	8.00	8.40	10.00	11.10
3-8-10 Fertilizer	Baltimore	3.00	3.05	2.50	2.39	.50	.66	.20	8.00	8.40	10.00	10.56
3-8-8 Fertilizer	Cambridge	3.00	3.03	2.50	2.46	.50	.57	.20	8.00	8.40	10.00	10.44
3-8-8 Fertilizer	Baltimore	3.00	3.02	2.50	2.39	.50	.63	.20	8.00	8.90	8.00	8.40
2-12-6 Fertilizer	Baltimore	3.00	3.13	2.50	2.46	.50	.67	.30	8.00	8.40	8.00	8.00
2-12-4 Fertilizer	Lineboro	2.00	2.16	1.50	1.43	.50	.73	.50	12.00	12.30	6.00	6.00
2-12-2 Fertilizer	Baltimore	2.00	2.22	1.50	1.47	.50	.75	.50	12.00	12.50	4.00	4.42
‡2-12-2 Fertilizer	Baltimore	2.00	2.40	1.50	1.80	.50	.60	.40	12.00	12.10	2.00	3.10
2-9-5	Baltimore	2.00	2.18	1.50	1.50	.50	.68	.40	12.00	12.00	2.00	2.44
2-9-5 Fertilizer	Baltimore	2.00	2.15	1.50	1.57	.50	.58	.60	9.00	9.40	5.00	5.16
2-9-5 Fertilizer	Baltimore	2.00	2.13	1.50	1.40	.50	.73	.40	9.00	9.50	5.00	5.12
2-9-5 Fertilizer	Baltimore	2.00	2.02	1.50	1.47	.50	.55	.30	9.00	9.40	5.00	5.20
	Baltimore	2.00	2.04	1.50	1.49	.50	.55	.40	9.00	9.10	5.00	5.35

‡ Not Licensed at time of sale.

Manufacturer and Brand Name	Place of Sampling	NITROGEN (N)						PHOSPHORIC ACID (P_2O_5)			POTASH (K_2O)	
		Total		Mineral		Organic		Insoluble	Available			
		Guaranteed	FOUND	Declared	FOUND	Declared	FOUND	FOUND	Guaranteed	FOUND	Guaranteed	FOUND
2-8-10 Fertilizer	Baltimore	2.00	**2.01**	1.50	**1.50**	.50	**.51**	**.60**	8.00	**8.40**	10.00	**10.40**
2-8-10 Fertilizer	Baltimore	2.00	**1.94**	1.50	**1.38**	.50	**.56**	**.40**	8.00	**8.30**	10.00	**11.18**
2-8-10 Fertilizer	Baltimore	2.00	**2.11**	1.50	**1.46**	.50	**.65**	**.30**	8.00	**8.30**	10.00	**10.16**
2-8-10 Fertilizer	Baltimore	2.00	**2.01**	1.50	**1.41**	.50	**.60**	**.30**	8.00	**8.40**	10.00	**10.92**
2-8-5 Fertilizer	Baltimore	2.00	**2.06**	1.50	**1.47**	.50	**.59**	**.40**	8.00	**8.70**	5.00	**5.00**
2-8-5 Fertilizer	Baltimore	2.00	**2.05**	1.50	**1.19**	.50	**.86**	**.20**	8.00	**8.00**	5.00	**5.28**
2-8-5 Fertilizer	Friendsville	2.00	**2.01**	1.50	**1.08**	.50	**.93**	**.40**	8.00	**8.20**	5.00	**5.78**
2-8-5 Fertilizer	Cambridge	2.00	**2.04**	1.50	**1.59**	.50	**.45**	**.70**	8.00	**8.40**	5.00	**5.40**
0-12-5 Fertilizer	Baltimore	2.00	**2.09**	1.50	**1.25**	.50	**.84**	**.30**	8.00	**8.20**	5.00	**5.16**
0-10-10 Fertilizer	Friendsville							**.50**	12.00	**12.30**	5.00	**5.35**
	Denton							**.20**	10.00	**10.80**	10.00	**9.70**
Mountain Copper Co., Ltd., San Francisco, Calif.												
Pulverized Sheep Manure	Baltimore	2.00	**1.88**						*1.00	***3.10**	2.75	**4.74**
Natural Guano Co., Aurora, Ill.												
‡"Sheep Head" Pulverized Sheep Manure	Salisbury	2.00	**2.53**						*1.00	***1.50**	2.00	**2.72**
N. V. Potash Export My. Inc., Baltimore, Md.												
High Grade Kainit	Baltimore										20.00	**20.64**
High Grade Kainit	Baltimore										20.00	**20.16**
Muriate of Potash	Friendsville										48.00	**48.80**
Sulphate of Potash	Baltimore										48.00	**52.60**
G. Ober & Sons Co., Baltimore, Md.												
Superphosphate Extra Grade	Baltimore							**1.10**	20.00	**20.80**		
Superphosphate Special Grade	Baltimore							**1.20**	18.00	**18.70**		
Avondale Mixture	Baltimore	3.00	**2.88**	2.25	**2.15**	.75	**.73**	**1.20**	12.00	**12.30**	6.00	**6.00**
Fruit and Vine Truck Guano	Baltimore	4.00	**3.89**	3.00	**2.89**	1.00	**1.00**	**1.70**	8.00	**8.70**	5.00	**5.00**
Fruit and Vine Truck Guano	Chestertown	4.00	**4.11**	3.00	**3.23**	1.00	**.88**	**.70**	8.00	**8.70**	5.00	**5.38**
Kainit	Baltimore										14.00	**14.66**
Lawn and Garden Fertilizer	Baltimore	6.00	**5.98**	4.50	**3.51**	1.50	**2.47**	**1.50**	6.00	**6.80**	5.00	**5.28**
Lord Calvert Tobacco Fertilizer	Baltimore	4.00	**3.85**	2.80	**2.81**	1.20	**1.04**	**1.00**	8.00	**8.80**	12.00	**12.06**
Maryland Tobacco Growers Special	Baltimore	4.00	**3.80**	2.80	**2.67**	1.20	**1.13**	**1.20**	8.00	**8.90**	7.00	**7.00**
Plant Grower	Baltimore											

Kainit	Baltimore										14.00	14.66
Lawn and Garden Fertilizer	Baltimore	6.00	5.98	4.50	3.51	1.50	2.47	1.50	6.00	6.80	5.00	5.28
Lord Calvert Tobacco Fertilizer	Baltimore	4.00	3.85	2.80	2.81	1.20	1.04	1.00	8.00	8.80	12.00	12.06
Maryland Tobacco Growers Special	Baltimore	4.00	3.80	2.80	2.67	1.20	1.13	1.20	8.00	8.90	7.00	7.00
Plant Grower	Baltimore	6.00	6.02	5.10	5.17	.90	.85	.80	6.00	6.90	8.00	8.30
Plant Grower	Baltimore	6.00	6.00	5.10	5.03	.90	.97	.95	6.00	6.95	8.00	8.40
Red Seal Corn and Wheat Guano	Baltimore	2.00	2.02	1.60	1.54	.40	.48	1.70	12.00	12.30	4.00	4.42
Red Seal Tobacco Fertilizer	Baltimore	4.00	3.99	2.80	2.81	1.20	1.18	1.20	8.00	8.60	5.00	5.38
Royal Crown Tobacco Guano	Baltimore	4.00	3.99	2.80	2.86	1.20	1.13	1.00	8.00	8.80	10.00	10.08
Royal Crown Tobacco Guano	Baltimore	4.00	4.16	2.80	3.02	1.20	1.14	1.00	8.00	8.30	10.00	10.70
Special Plant Food	Baltimore	2.00	2.05	1.60	1.60	.40	.45	1.30	8.00	8.20	5.00	5.20
Special Plant Food	Chestertown	2.00	1.90	1.60	1.47	.40	.43	1.30	8.00	8.10	5.00	5.16
Special Plant Food	Owings Mills	2.00	2.01	1.60	1.55	.40	.46	.50	8.00	9.10	5.00	5.20
Special Tobacco Bed Fertilizer	Baltimore	8.00	7.87	6.80	6.91	1.20	.96	.80	5.00	6.30	2.00	2.28
Special Tobacco Bed Fertilizer	Baltimore	8.00	8.19	6.80	7.01	1.20	1.18	.95	5.00	5.95	2.00	2.34
Special Tobacco Bed Fertilizer	Baltimore	8.00	8.08	6.80	7.20	1.20	.88	1.10	5.00	6.30	2.00	2.25
Stag Guano	Baltimore	8.00	7.73	6.80	6.68	1.20	1.05	.80	5.00	6.20	2.00	2.32
Stag Guano	Baltimore	1.00	1.15	.70	.81	.30	.34	1.20	9.00	9.40	4.00	4.19
Standard Southern Vegetable Compound	Baltimore	1.00	1.15	.70	.74	.30	.41	1.30	9.00	9.50	4.00	4.08
Sulphate of Ammonia	Baltimore	6.00	6.05	5.10	4.42	.90	1.63	1.30	6.00	6.50	5.00	5.37
Sunbeam Guano	Baltimore	20.56	20.48									
Sunbeam Guano	Baltimore	4.00	3.86	3.00	2.84	1.00	1.02	1.40	8.00	8.30	7.00	7.37
Superior Potato and Vegetable Grower	Baltimore	4.00	3.86	3.00	2.98	1.00	.88	1.40	8.00	8.40	7.00	7.53
Swan E Guano	Baltimore	2.00	2.19	1.60	1.59	.40	.60	.90	8.00	8.90	10.00	10.32
Swan E Guano	Baltimore	2.00	2.64	1.60	2.11	.40	.53	1.10	9.00	9.00	3.00	3.30
	Baltimore	2.00	2.01	1.60	1.70	.40	.31	1.30	9.00	9.30	3.00	3.40
Peerless Fertilizer Co., Chestertown, Md.												
Superphosphate 16%	Salisbury							.10	16.00	15.80		
Early Trucker 4-8-5	Salisbury	4.00	4.04	3.00	3.26	1.00	.78	.50	8.00	8.30	5.00	5.08
Early Trucker 4-8-5	Salisbury	4.00	4.16	3.00	3.26	1.00	.90	.40	8.00	8.10	5.00	5.31
†Early Trucker 4-8-5	Chestertown	4.00	4.28	3.00	3.88	1.00	.40	2.00	8.00	7.20	5.00	5.39
†Fish Brand Fertilizer 3-8-7	Salisbury	3.00	3.43	2.00	2.78	1.00	.65	2.00	8.00	8.20	7.00	7.14
‡4-8-7 Fertilizer	Salisbury	4.00	3.83	3.00	3.09	1.00	.74	.40	8.00	7.40	7.00	7.42
‡Kainit 14%	Salisbury										14.00	14.00
3-8-10 Fertilizer	Salisbury	3.00	2.81	2.00	2.13	1.00	.68	.50	8.00	8.00	10.00	10.40
‡3-8-10 Fertilizer	Salisbury	3.00	2.95	2.00	2.20	1.00	.75	.50	8.00	7.30	10.00	10.00
Truckers Pride 6-6-5	Chestertown	6.00	6.04	5.00	5.38	1.00	.66	1.70	6.00	6.10	5.00	5.20
Truckers Pride 6-6-5	Salisbury	6.00	5.76	5.00	5.08	1.00	.68	.30	6.00	6.50	5.00	5.40
Truckers Pride 6-6-5	Salisbury	6.00	5.73	5.00	4.73	1.00	1.00	.80	6.00	6.40	5.00	5.42
2-8-10 Fertilizer	Salisbury	2.00	2.02	1.25	1.32	.75	.70	.40	8.00	8.60	10.00	9.60
2-8-10 Fertilizer	Salisbury	2.00	2.20	1.25	1.38	.75	.82	.80	8.00	8.00	10.00	10.86
‡Twelve and Five 0-12-5	Chestertown							.90	12.00	12.70	5.00	4.12

‡ Not Licensed at time of sale.

† Mineral and Organic Findings do not substantiate manufacturers declaration.

* Total Phosphoric Acid.

Manufacturer and Brand Name	Place of Sampling	NITROGEN (N)						PHOSPHORIC ACID (P_2O_5)			POTASH (K_2O)	
		Total		Mineral		Organic		Insoluble	Available			
		Guaranteed	FOUND	Declared	FOUND	Declared	FOUND	FOUND	Guaranteed	FOUND	Guaranteed	FOUND
Piedmont-Mt. AiryGuano Co., Inc., Baltimore, Md.												
Piedmont's 4-8-5 Fertilizer	Baltimore	4.00	**3.90**	3.50	**3.18**	.50	**.72**	**.30**	8.00	**8.70**	5.00	**5.04**
‡Piedmont's 4-8-5 Fertilizer	Baltimore	4.00	**4.11**	3.50	**3.54**	.50	**.60**	**.10**	8.00	**8.70**	5.00	**5.32**
Piedmont's Special Fea Fertilizer 5-10-5	Mt. Lake Park	5.00	**5.12**	3.00	**2.90**	2.00	**2.22**	**1.40**	10.00	**10.00**	5.00	**5.04**
‡Piedmont's 2-8-5	Baltimore	2.00	**2.01**	1.50	**1.11**	.50	**.90**	**.20**	8.00	**8.40**	5.00	**5.00**
Plantabbs Corp., Baltimore, Md.												
Fulton's Plantabbs 11-15 T. P. A.-20	Baltimore	11.00	**10.98**	.....	.....	.....	.....	.....	*15.00	*19.50	20.00	**25.44**
Potomac Poultry Food Co., Inc., Baltimore, Md.												
4% Potash Potolime, Baked Oyster Shell Lime	Crisfield	.....	.....	.....	.....	.....	.....	.....	** 41.00	** **40.80**	4.00	**4.16**
Pulverized Manure Co., Chicago, Ill.												
Wizard Brand Cattle Manure	Baltimore	2.00	**1.76**	.....	.....	.....	.....	.....	*1.00	*1.40	1.00	**1.36**
Wizard Brand Pulverized Sheep Manure	Baltimore	2.00	**2.15**	.....	.....	.....	.....	.....	*1.00	*1.50	2.00	**2.40**
Ramsburg Fertilizer Co., Frederick, Md.												
Super Phosphate	Frederick	.....	.....	.....	.....	.....	.....	**.20**	16.00	**16.30**	.....	.....
Ammoniated Phosphate	Frederick	1.00	**1.02**	.65	**.56**	.35	**.46**	**.60**	10.00	**10.20**	5.00	**6.05**
Corn and Potato Fertilizer	Frederick	1.00	**.93**	.65	**.42**	.35	**.51**	**.70**	10.00	**11.30**	5.00	**4.58**
Excelsior Plant Food	Frederick	2.00	**2.13**	1.50	**1.18**	.50	**.95**	**.20**	12.00	**12.00**	4.00	**4.93**
High Grade Trucking Fertilizer	Frederick	4.00	**4.14**	3.50	**3.48**	.50	**.66**	**.20**	8.00	**8.70**	7.00	**7.80**
Old Virginia Compound	Frederick	2.00	**2.12**	1.65	**1.31**	.35	**.81**	**.20**	9.00	**9.00**	5.00	**5.98**
Royal Crop Grower	Frederick	2.00	**2.22**	1.50	**.98**	.50	**1.24**	**1.10**	12.00	**12.20**	6.00	**7.17**
Special Rock and Potash	Frederick	.....	.....	.....	.....	.....	.....	**.10**	12.00	**15.70**	5.00	**5.38**
Read Drug & Chemical Co., Baltimore, Md.												
Plant-gro 4-12-4	Baltimore	4.00	**3.99**	4.00	**3.44**	0.00	**.55**	**.70**	12.00	**13.10**	4.00	**5.20**
Raw Bone Meal	Baltimore	3.70	**3.97**	.....	.....	.....	.....	.....	*21.50	*22.30	.....	.....
Reindollar Co., Taneytown, Md.												
Superphosphate 16%	Taneytown	.....	.....	.....	.....	.....	.....	**.20**	16.00	**16.90**	.....	.....
Crop Grower	Taneytown	2.00	**2.18**	1.50	**1.59**	.50	**.59**					

Reindollar Co., Taneytown, Md.													
Superphosphate 16%	Taneytown							.20	16.00	16.90		
Crop Grower	Taneytown	2.00	2.18	1.50	1.59	.50	.59	.60	9.00	9.60	5.00	5.42
Rock and Potash	Taneytown							.40	12.00	12.00	5.00	5.12
Trucker's Special	Taneytown	4.00	4.00	3.75	3.47	.25	.53	.40	8.00	8.90	7.00	7.06
E. Miller Richardson & Co., Baltimore, Md.												
Rose & Plant Food	Baltimore	2.50	2.88					1.40	8.00	7.60	10.00	8.44
W. E. Robinson & Co., Bel Air, Md.												
Special Mixture 2-9-5	Baltimore	2.00	2.18	1.40	1.46	.60	.72	1.00	9.00	9.60	5.00	5.28
F. S. Royster Guano Co., Baltimore, Md.												
Superphosphate	Baltimore							.30	20.00	20.90		
Superphosphate	Baltimore							.60	16.00	16.10		
Superphosphate	Baltimore							.60	16.00	16.60		
Arrow Potato Guano	Baltimore	6.00	6.08	3.60	3.79	2.40	2.29	.30	6.00	7.00	5.00	5.55
Arrow Potato Guano	Baltimore	6.00	6.07	3.60	3.58	2.40	2.49	.70	6.00	6.30	5.00	5.16
Arrow Potato Guano	Baltimore	6.00	6.07	3.60	3.92	2.40	2.15	.30	6.00	6.70	5.00	5.24
Banner Guano	Baltimore	6.00	5.83	3.60	3.63	2.40	2.20	.60	6.00	6.80	5.00	5.00
Banner Guano	Baltimore	2.00	2.04	1.60	1.66	.40	.38	.60	8.00	8.60	10.00	10.16
Banner Guano	Baltimore	2.00	2.15	1.60	1.60	.40	.55	.30	8.00	8.70	10.00	10.24
Banner Guano	Salisbury	2.00	2.08	1.60	1.61	.40	.47	.40	8.00	8.80	10.00	10.00
Big Bully Guano	Baltimore	2.00	2.20	1.60	1.74	.40	.46	.30	8.00	8.50	10.00	10.40
Big Bully Guano	Mt. Lake Park	2.00	2.06	1.60	1.60	.40	.46	.50	9.00	9.80	5.00	5.31
‡Bully Guano	Chestertown	2.00	2.09	1.60	1.64	.40	.45	.50	9.00	9.60	5.00	5.47
Curlew Guano	Baltimore	2.00	2.02	1.60	1.57	.40	.45	1.20	8.00	8.90	5.00	5.24
‡Favorite Guano	Salisbury	3.00	3.14	2.40	2.50	.60	.64	.90	12.00	12.10	6.00	6.09
Fine Ground Bone Meal	Mt. Lake Park	3.00	3.22	2.40	2.61	.60	.61	.30	8.00	8.70	10.00	10.08
Gem Guano	Baltimore	2.47	2.74						*22.90	*23.40		
Gem Guano	Mt. Lake Park	2.00	2.01	1.60	1.54	.40	.47	1.40	12.00	12.30	4.00	4.19
Genuine German Kainit	Baltimore	2.00	2.25	1.60	1.71	.40	.54	.50	12.00	12.60	4.00	5.28
Genuine German Kainit	Baltimore										14.00	15.06
Gold Dust Tobacco Guano	Baltimore										14.00	14.36
‡Golden Weed Tobacco Guano	Baltimore	4.00	4.00	2.00	1.73	2.00	2.27	.60	8.00	9.10	7.00	7.04
Ideal Guano	Baltimore	4.00	3.99	2.00	1.70	2.00	2.29	.80	8.00	8.70	5.00	5.20
Jim Dandy Guano	Mt. Lake Park	3.00	3.26	2.40	2.60	.60	.66	.60	8.00	9.50	8.00	8.40
Md. Pride Tobacco Guano	Baltimore	2.00	2.19	1.60	1.76	.40	.43	.70	12.00	13.10	2.00	2.40
Phosphate and Potash	Baltimore	3.00	3.12	1.50	1.38	1.50	1.74	.60	12.00	12.00	3.00	4.23
‡Prize Guano	Salisbury							.50	12.00	13.20	5.00	5.20
Quality Trucker	Baltimore	4.00	3.71	3.20	2.75	.80	.96	.40	8.00	8.40	10.00	10.00
Quality Trucker	Denton	4.00	4.38	3.20	3.51	.80	.87	.60	8.00	8.30	7.00	7.06
		4.00	4.14	3.20	3.27	.80	.87	.30	8.00	8.20	7.00	7.37

‡ Not Licensed at time of sale. * Total Phosphoric Acid. ** Calcium Oxide.

Manufacturer and Brand Name	Place of Sampling	NITROGEN (N)						PHOSPHORIC ACID (P_2O_5)			POTASH (K_2O)	
		Total		Mineral		Organic		Insoluble	Available			
		Guaranteed	FOUND	Declared	FOUND	Declared	FOUND	FOUND	Guaranteed	FOUND	Guaranteed	FOUND
‡Rational Guano	Chestertown	1.00	**1.22**	.80	**.79**	.20	**.43**	**.30**	9.00	**9.80**	4.00	**4.16**
‡Raw Bone Meal	Baltimore	3.70	**4.09**						*20.60	*20.20		
‡Sheep Manure	Baltimore	1.23	**2.27**						*1.00	*1.60	2.00	**4.30**
Special Trucker	Baltimore	4.00	**4.10**	3.20	**3.29**	.80	**.81**	**.30**	8.00	**8.30**	5.00	**5.16**
Special Trucker	Baltimore	4.00	**4.13**	3.20	**3.31**	.80	**.82**	**.30**	8.00	**8.40**	5.00	**5.20**
Special Trucker	Denton	4.00	**4.04**	3.20	**3.26**	.80	**.78**	**.30**	8.00	**8.40**	5.00	**5.35**
Special Trucker	Baltimore	4.00	**4.07**	3.20	**3.37**	.80	**.70**	**.50**	8.00	**8.10**	5.00	**5.35**
Sulphate of Ammonia	Baltimore	20.56	**19.46**									
‡Surety Guano	Baltimore	1.00	**1.19**	.80	**.72**	.20	**.47**	**.90**	10.00	**10.40**	5.00	**5.00**
Tobacco Bed Fertilizer	Baltimore	8.00	**8.02**	6.40	**6.49**	1.60	**1.53**	**.20**	5.00	**5.50**	2.00	**2.02**
Tobacco Bed Fertilizer	Baltimore	8.00	**8.28**	6.40	**6.62**	1.60	**1.66**	**.20**	5.00	**5.20**	2.00	**2.28**
‡Trucker's Delight	Baltimore	4.00	**4.14**	3.20	**3.40**	.80	**.73**	**.30**	8.00	**8.60**	4.00	**4.16**
Verbena Guano	Baltimore	5.00	**5.17**	4.00	**3.92**	1.00	**1.25**	**.20**	8.00	**8.50**	5.00	**5.24**
Verbena Guano	Salisbury	5.00	**5.12**	4.00	**4.09**	1.00	**1.03**	**.20**	8.00	**9.10**	5.00	**5.16**
‡Vim	Baltimore	5.00	**5.38**	5.00	**4.96**	0.00	**.42**	**.30**	10.00	**10.30**	6.00	**6.21**
F. Rynveld & Sons, New York, N. Y.												
Bone Meal Fertilizer	Baltimore	1.85	**1.26**						*22.88	*33.80		
Wm. G. Scarlett & Co., Baltimore, Md.												
Greenway Brand Bone Meal	Baltimore	2.50	**4.00**						*24.00	*26.30		
Wm. Schluderberg-T. J. Kurdle Co., Baltimore, Md.												
Esskay Plant Food	Baltimore	5.00	**5.36**	0.00	**.17**	5.00	**5.19**		*9.00	*16.10	4.00	**4.40**
R. H. Slingluff Fertilizer Co., Baltimore, Md.												
Acid Phosphate 16%	Baltimore							**.90**	16.00	**15.70**		
Acid Phosphate 16%	Waldorf							**.50**	16.00	**17.10**		
Big and Bright Tobacco	Baltimore	4.00	**3.85**	3.25	**3.16**	.75	**.69**	**.50**	8.00	**8.90**	5.00	**5.20**
Grain and Grass	Baltimore	2.00	**2.11**	1.50	**1.56**	.50	**.55**	**.90**	12.00	**12.20**	4.00	**4.30**
‡Harvest Queen	Baltimore	1.00	**1.32**	.75	**.48**	.25	**.84**	**.50**	10.00	**10.50**	5.00	**5.59**
High Grade Tobacco	Baltimore	4.00	**3.99**	3.25	**3.34**	.75	**.65**	**.80**	8.00	**8.10**	12.00	**12.50**
Legume Special	Waldorf	2.00	**2.05**	1.50	**1.61**	.50	**.44**	**.40**	12.00	**12.00**	12.00	**14.04**
Plant Bed	Baltimore	6.00	**5.90**	5.75	**4.83**	.25	**1.07**	**.40**	6.00	**6.40**	8.00	**8.16**
Plant Bed	Baltimore	6.00	**6.01**	5.75	**5.03**	.25	**.98**	**.40**	6.00	**6.30**	8.00	**8.16**

Grain and Grass	Baltimore	2.00	2.11	1.50	1.56	.50	.55	.90	12.00	12.20	4.00	4.30
‡Harvest Queen	Baltimore	1.00	1.32	.75	.48	.25	.84	.50	10.00	10.50	5.00	5.59
High Grade Tobacco	Baltimore	4.00	3.99	3.25	3.34	.75	.65	.80	8.00	8.10	12.00	12.50
Legume Special	Waldorf	2.00	2.05	1.50	1.61	.50	.44	.40	12.00	12.00	12.00	14.04
Plant Bed	Baltimore	6.00	5.90	5.75	4.83	.25	1.07	.40	6.00	6.40	8.00	8.16
Plant Bed	Baltimore	6.00	6.01	5.75	5.02	.25	.99	.40	6.00	6.90	8.00	7.30
10% Tobacco Bed Special	Baltimore	10.00	10.15	9.00	8.80	1.00	1.35	.40	5.00	5.70	2.00	2.25
10% Tobacco Bed Special	Baltimore	10.00	10.10	9.00	8.78	1.00	1.32	.40	5.00	5.30	2.00	2.32
Tobacco Compound	Baltimore	4.00	3.99	1.50	3.23	.50	.76	.80	8.00	7.80	7.00	7.40
Truck and Potato	Baltimore	4.00	3.99	3.50	3.36	.50	.63	.20	8.00	9.00	7.00	7.57
Southern States Cooperative, Inc., Richmond, Va.												
Special Superphosphate	Brunswick							2.40	16.00	16.70		
Geo. W. Standiford, Fallston, Md.												
Corn and Wheat Grower	Baltimore	2.00	2.13	1.40	1.47	.60	.66	.60	8.00	8.80	5.00	5.40
Corn and Wheat Grower	Baltimore	2.00	2.05	1.40	1.54	.60	.51	.40	8.00	8.70	5.00	5.70
Truck Special	Baltimore	4.00	4.04	3.20	3.16	.80	.88	.50	8.00	8.40	5.00	5.40
Truck Special	Baltimore	4.00	4.07	3.20	3.19	.80	.88	.60	8.00	8.70	5.00	5.00
Truck Special	Baltimore	4.00	4.10	3.20	3.26	.80	.84	.70	8.00	8.10	5.00	5.31
Standard Wholesale Phosphate & Acid Works, Baltimore, Md.												
Stand. U. S. Superphosphate 20%	Baltimore							1.10	20.00	20.00		
Stand. U. S. Superphosphate 16%	Baltimore							1.30	16.00	16.70		
Stand. U. S. Superphosphate 16%	Cumberland							.80	16.00	17.30		
†Stand. U. S. 8-5-2 (Sulphate of Potash)	Baltimore	8.00	7.91	6.40	6.99	1.60	.92	.10	5.00	5.30	2.00	2.21
Stand. U. S. 8-5-2 (Sulphate of Potash)	Baltimore	8.00	7.98	6.40	6.74	1.60	1.24	.20	5.00	5.70	2.00	2.10
†Stand. U. S. 8-5-2 (Sulphate of Potash)	Baltimore	8.00	7.99	6.40	6.98	1.60	1.01	.20	5.00	5.40	2.00	3.28
‡†Stand. U. S. 8-5-2 (Sulphate of Potash)	Baltimore	8.00	7.98	6.40	6.91	1.60	1.07	.30	5.00	5.40	2.00	2.40
Stand. U. S. 5-8-5	Baltimore	5.00	5.10	4.00	4.11	1.00	.99	.60	8.00	9.00	5.00	5.38
Stand. U. S. 4-16-4	Baltimore	4.00	4.13	3.20	3.37	.80	.76	.50	16.00	16.50	4.00	4.23
‡Stand. U. S. 4-16-4	Cumberland	4.00	4.55	3.20	3.12	.80	1.43	.40	16.00	13.40	4.00	4.90
Stand. U. S. 4-10-10	Baltimore	4.00	3.82	3.20	2.84	.80	.92	.50	10.00	10.60	10.00	9.62
‡Stand. U. S. 4-10-10	Baltimore	4.00	5.07	3.20	4.10	.80	.97	.50	10.00	10.30	10.00	10.08
Stand. U. S. 4-8-12 Sulphate of Potash	Baltimore	4.00	3.99	3.20	3.17	.80	.82	.70	8.00	8.90	12.00	12.10
Stand. U. S. 4-8-12 Sulphate of Potash	Baltimore	4.00	4.02	3.20	3.16	.80	.86	.80	8.00	8.30	12.00	12.44
‡Stand. U. S. 4-8-7	Baltimore	4.00	4.11	3.20	3.40	.80	.71	.60	8.00	8.80	7.00	7.31
Stand. U. S. 4-8-7	Baltimore	4.00	4.09	3.20	3.23	.80	.86	.40	8.00	8.30	7.00	7.03
Stand. U. S. 4-8-5	Catonsville	4.00	4.03	3.20	3.15	.80	.88	.30	8.00	8.40	5.00	5.08
Stand. U. S. 4-8-5	College Park	4.00	4.00	3.20	3.06	.80	.94	.30	8.00	8.60	5.00	5.04
Stand. U. S. 4-8-4	Baltimore	4.00	4.07	3.20	3.09	.80	.98	.40	8.00	8.70	4.00	4.19
Stand. U. S. 1-9-4	Baltimore	1.00	1.80	.80	1.19	.20	.61	.50	9.00	10.40	4.00	4.74
‡Stand. U. S. 1-9-4	Cumberland	1.00	2.15	.80	1.57	.20	.58	.60	9.00	10.20	4.00	4.68
Stand. U. S. Jumbo Potato Grower, 6-6-5	College Park	6.00	6.00	4.80	4.79	1.20	1.21	.70	6.00	7.10	5.00	5.12
‡Sheep Manure	Cumberland	1.75	2.05						*1.00	*1.30	2.00	2.64

‡ Not Licensed at time of sale. * Total Phosphoric Acid. † Mineral and Organic Findings do not substantiate manufacturers declaration.

Manufacturer and Brand Name	Place of Sampling	NITROGEN (N) Total Guaranteed	NITROGEN (N) Total FOUND	NITROGEN (N) Mineral Declared	NITROGEN (N) Mineral FOUND	NITROGEN (N) Organic Declared	NITROGEN (N) Organic FOUND	PHOSPHORIC ACID (P_2O_5) Insoluble FOUND	PHOSPHORIC ACID (P_2O_5) Available Guaranteed	PHOSPHORIC ACID (P_2O_5) Available FOUND	POTASH (K_2O) Guaranteed	POTASH (K_2O) FOUND
Standard Wholesale Phosphate & Acid Works, Baltimore, Md. (Cont.)												
Stand. U. S. 6-6-8 (Sulphate of Potash)	Baltimore	6.00	**6.14**	4.80	**4.39**	1.20	**1.75**	**.50**	6.00	**6.30**	8.00	**8.40**
‡Stand. U. S. 6-6-8 (Sulphate of Potash)	Baltimore	6.00	**6.51**	4.80	**4.35**	1.20	**2.16**	**.50**	6.00	**6.30**	8.00	**8.16**
Stand. U. S. 6-6-8 (Sulphate of Potash)	Baltimore	6.00	**6.51**	4.80	**4.59**	1.20	**1.92**	**.60**	6.00	**5.90**	8.00	**8.40**
Stand. U. S. 6-6-8 (Sulphate of Potash)	Baltimore	6.00	**6.01**	4.80	**3.99**	1.20	**2.02**	**.60**	6.00	**6.30**	8.00	**8.08**
Stand. U. S. 6-6-5	Reisterstown	6.00	**6.00**	4.80	**4.55**	1.20	**1.45**	**.90**	6.00	**6.60**	5.00	**5.24**
Stand. U. S. 6-6-5	Sykesville	6.00	**6.01**	4.80	**4.47**	1.20	**1.54**	**1.10**	6.00	**6.00**	5.00	**5.24**
Stand. U. S. 6-6-5	Catonsville	6.00	**6.12**	4.80	**4.22**	1.20	**1.90**	**.90**	6.00	**6.50**	5.00	**5.28**
Stand. U. S. Steamed Bone Meal	College Park	2.47	**2.53**	.....	.....	.....	.....	.....	*22.00	***24.00**	.....	.....
Stand. U. S. Sulphate of Ammonia	Beltsville	20.60	**20.64**	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stand. U. S. 3-8-8	Jessups	3.00	**3.14**	2.40	**2.23**	.60	**.91**	**.30**	8.00	**8.70**	8.00	**8.24**
‡Stand. U. S. 3-8-5	Baltimore	3.00	**2.99**	2.40	**2.15**	.60	**.84**	**.70**	8.00	**9.00**	5.00	**5.08**
Stand. U. S. 2-12-4	Reisterstown	2.00	**2.44**	1.60	**1.87**	.40	**.57**	**1.10**	12.00	**12.00**	4.00	**4.40**
Stand. U. S. 2-12-4	Sykesville	2.00	**2.19**	1.60	**1.66**	.40	**.53**	**.80**	12.00	**12.50**	4.00	**4.26**
Stand. U. S. 2-12-4	Jessups	2.00	**2.39**	1.60	**1.78**	.40	**.61**	**1.00**	12.00	**12.20**	4.00	**4.19**
Stand. U. S. 2-10-10	Jessups	2.00	**2.39**	1.60	**1.81**	.40	**.58**	**.70**	10.00	**10.20**	10.00	**10.02**
Stand. U. S. 2-9-5	Baltimore	2.00	**2.06**	1.60	**1.49**	.40	**.57**	**.60**	9.00	**10.20**	5.00	**5.12**
Stand. U. S. 2-8-10	Baltimore	2.00	**2.15**	1.60	**1.61**	.40	**.54**	**.50**	8.00	**8.90**	10.00	**9.32**
‡Stand. U. S. 2-8-10	Cumberland	2.00	**2.16**	1.60	**1.57**	.40	**.59**	**.30**	8.00	**8.30**	10.00	**10.40**
Stand. U. S. 2-8-5	Baltimore	2.00	**2.34**	1.60	**1.71**	.40	**.63**	**1.00**	8.00	**8.30**	5.00	**5.20**
Stand. U. S. 0-12-5	Baltimore	.....	.....	.....	.....	.....	.....	**.50**	12.00	**12.00**	5.00	**5.04**
Summers Fertilizer Co., Inc., Baltimore, Md.												
Superphosphate 16%	Baltimore	.....	.....	.....	.....	.....	.....	**3.90**	16.00	**16.70**	.....	.....
Genuine Venezuelan Goat Manure	Baltimore	1.00	**1.24**	.....	.....	.....	.....	.....	*1.00	***1.40**	3.00	**3.34**
‡4-8-5 Fertilizer	Baltimore	4.00	**4.42**	3.50	**3.61**	.50	**.81**	**1.30**	8.00	**9.70**	5.00	**5.32**
Steamed Bone Meal	Baltimore	2.47	**2.63**	.....	.....	.....	.....	.....	*20.00	***26.10**	.....	.....
Swift & Co., Fertilizer Works, Baltimore, Md.												
Red Steer Superphosphate 16%	Baltimore	.....	.....	.....	.....	.....	.....	**.90**	16.00	**16.40**	.....	.....
Red Steer Superphosphate 16%	Baltimore	.....	.....	.....	.....	.....	.....	**.80**	16.00	**16.10**	.....	.....
Bone Meal Fertilizer	Baltimore	2.47	**2.89**	.....	.....	.....	.....	.....	*23.00	***26.80**	.....	.....
Red Steer 5-8-5	Baltimore	5.00	**5.12**	4.04	**4.19**	.96	**.93**	**.40**	8.00	**7.80**	5.00	**4.66**
Red Steer 5-8-5	Baltimore	5.00	**4.86**	4.04	**4.02**	.96	**.84**	**.40**	8.00	**8.30**	5.00	**4.74**
Red Steer 5-8-5	Baltimore	5.00	**4.93**	4.04	**3.91**	.96	**1.02**	**.60**	8.00	**8.20**	5.00	**5.28**

Bone Meal Fertilizer	Baltimore	2.47	2.89						*23.00	*26.80		
Red Steer 5-8-5	Baltimore	5.00	5.12	4.04	4.19	.96	.93	.40	8.00	7.80	5.00	4.66
Red Steer 5-8-5	Baltimore	5.00	4.86	4.04	4.02	.96	.84	.40	8.00	8.30	5.00	4.74
Red Steer 5-8-5	Baltimore	5.00	4.93	4.04	3.91	.96	1.02	.60	8.00	8.20	5.00	5.28
Red Steer 4-12-4	Baltimore	4.00	4.00	3.57	3.44	.43	.56	.50	12.00	11.90	4.00	4.26
Red Steer 4-8-7	Baltimore	4.00	4.03	3.19	3.24	.81	.79	.60	8.00	8.50	7.00	7.06
Red Steer 4-8-7	Baltimore	4.00	4.02	3.19	3.28	.81	.74	.50	8.00	8.90	7.00	7.00
Red Steer 4-8-7	Baltimore	4.00	4.03	3.19	3.25	.81	.78	.60	8.00	8.30	7.00	7.03
Red Steer 4-8-5	Baltimore	4.00	4.00	3.19	3.20	.81	.80	.40	8.00	8.40	5.00	5.04
Red Steer 4-8-5	Baltimore	4.00	4.02	3.19	3.01	.81	1.01	.50	8.00	8.40	5.00	5.01
Red Steer 4-8-5	Baltimore	4.00	3.99	3.19	3.11	.81	.88	.50	8.00	8.30	5.00	5.12
Red Steer 4-8-5	Baltimore	4.00	4.07	3.19	3.13	.81	.94	.50	8.00	8.20	5.00	5.12
Red Steer 4-8-4	Baltimore	4.00	3.98	3.19	2.83	.81	1.15	.50	8.00	8.70	4.00	4.04
Red Steer 4-8-4	Baltimore	4.00	4.44	3.19	3.46	.81	.98	.40	8.00	8.00	4.00	4.08
Red Steer 4-8-4	Baltimore	4.00	4.17	3.19	3.12	.81	1.05	.60	8.00	8.10	4.00	4.30
Kainit	Baltimore										14.00	18.64
‡Muriate of Potash	Baltimore										48.00	48.00
Red Steer 6-6-5	Baltimore	6.00	5.86	5.13	4.50	.87	1.36	.40	6.00	6.40	5.00	5.04
Red Steer 6-6-5	Baltimore	6.00	5.81	5.13	4.88	.87	.93	.20	6.00	6.40	5.00	5.24
Red Steer 6-6-5	Baltimore	6.00	6.12	5.13	5.20	.87	.92	.30	6.00	6.20	5.00	4.81
Red Steer 6-6-5	Baltimore	6.00	6.00	5.13	5.27	.87	.73	.30	6.00	6.20	5.00	5.00
Red Steer 6-6-5	Baltimore	6.00	6.01	5.13	4.97	.87	1.04	.30	6.00	6.20	5.00	5.00
Red Steer 6-6-5	Baltimore	6.00	5.59	5.13	5.00	.87	.59	.50	6.00	6.70	5.00	5.02
Red Steer 6-6-5	Baltimore	6.00	5.59	5.13	4.63	.87	.96	.60	6.00	6.50	5.00	5.08
Red Steer 3-12-6	Baltimore	3.00	3.05	2.57	2.54	.43	.51	.60	12.00	12.10	6.00	6.00
Red Steer 3-8-10	Baltimore	3.00	2.85	2.34	2.25	.66	.60	.50	8.00	8.20	10.00	10.40
Red Steer 3-8-10	Ridgely	3.00	3.02	2.34	2.24	.66	.78	.70	8.00	8.20	10.00	10.00
Red Steer 3-8-10	Baltimore	3.00	2.86	2.34	2.16	.66	.70	.50	8.00	8.40	10.00	10.40
Red Steer 3-8-10	Baltimore	3.00	3.03	2.34	2.25	.66	.78	.50	8.00	8.30	10.00	10.04
Red Steer 3-8-10	Baltimore	3.00	2.98	2.34	2.22	.66	.76	.80	8.00	8.20	10.00	10.08
‡Sheep Manure	Baltimore	1.85	1.88						*1.00	*1.10	1.75	2.94
Red Steer 2-9-5	Baltimore	2.00	2.04	1.59	1.46	.41	.58	.70	9.00	9.20	5.00	5.12
Red Steer 2-8-10	Baltimore	2.00	2.06	1.57	1.54	.43	.52	.40	8.00	8.10	10.00	10.32
Red Steer 2-8-10	Baltimore	2.00	1.98	1.57	1.40	.43	.58	.30	8.00	8.20	10.00	10.00
Red Steer 2-8-10	Ridgely	2.00	2.22	1.57	1.66	.43	.56	.70	8.00	8.20	10.00	10.00
Red Steer 2-8-5	Baltimore	2.00	2.05	1.57	1.38	.43	.67	.60	8.00	9.00	5.00	5.20
Red Steer 2-8-5	Baltimore	2.00	2.12	1.57	1.50	.43	.62	.60	8.00	9.10	5.00	5.35
Red Steer 2-8-5	Ridgely	2.00	2.01	1.57	1.46	.43	.55	.70	8.00	8.00	5.00	5.02
‡Red Steer 2-8-5	Baltimore	2.00	2.05	1.57	1.52	.43	.53	.70	8.00	8.00	5.00	5.02
Red Steer 0-12-5	Baltimore							.70	12.00	12.00	5.00	5.38
‡Sulphate of Ammonia	Baltimore	20.56	19.32									
‡Tankage	Clinton	4.52	5.73						*8.00	*6.80		
Vigoro	Baltimore	4.00	4.07	4.00	4.00	0.00	.07	.80	12.00	13.20	4.00	4.38

‡ Not Licensed at time of sale.

* Total Phosphoric Acid.

Manufacturer and Brand Name	Place of Sampling	NITROGEN (N)						PHOSPHORIC ACID (P_2O_5)			POTASH (K_2O)	
		Total		Mineral		Organic		Insoluble	Available			
		Guaranteed	FOUND	Declared	FOUND	Declared	FOUND	FOUND	Guaranteed	FOUND	Guaranteed	FOUND
Synthetic Nitrogen Products Corp., New York, N. Y.												
Urea (Floranid-Urea)	College Park	46.00	45.80									
Tennessee Corp., Lockland, Ohio												
†Loma	Baltimore	5.00	5.12	4.00	4.86	1.00	.26	.40	10.00	11.90	4.00	4.12
Thomas & Co., Gaithersburg, Md.												
‡Pea Mixture	Gaithersburg	4.00	4.46	3.90	4.27	.10	.19	.10	8.00	8.50	4.00	5.04
Wm. B. Tilghman Co., Salisbury, Md.												
Early Truck	Salisbury	4.00	4.07	2.80	2.82	1.20	1.25	.50	8.00	7.70	5.00	5.00
‡Grain Mixture	Salisbury	1.00	1.14	.70	.81	.30	.33	1.00	10.00	10.30	5.00	5.70
Irish P. Guano	Salisbury	6.00	6.07	4.20	3.95	1.80	2.12	.50	6.00	6.40	5.00	5.98
Melon Mixture	Princess Anne	4.00	4.48	2.00	2.44	2.00	2.04	.80	8.00	9.70	7.00	7.00
Melon Mixture	Salisbury	4.00	4.63	2.00	2.81	2.00	1.82	.60	8.00	9.30	7.00	7.49
Mixture "A"	Princess Anne	4.00	4.09	3.20	3.05	.80	1.04	1.30	8.00	8.90	5.00	5.67
Mixture "A"	Hurlock	4.00	4.10	3.20	2.95	.80	1.15	1.30	8.00	9.00	5.00	5.78
Mixture "A"	Salisbury	4.00	4.21	3.20	3.58	.80	.63	.20	8.00	8.00	5.00	5.40
Mixture "B"	Hurlock	3.00	3.05	2.10	2.18	.90	.87	.70	8.00	9.20	10.00	11.64
Mixture "B"	Salisbury	3.00	3.55	2.10	2.89	.90	.66	.20	8.00	8.20	10.00	11.02
"Q" Brand	Salisbury	6.00	6.04	3.60	3.70	2.40	2.34	.40	6.00	7.10	5.00	5.55
‡Raw Bone Meal	Salisbury	3.70	3.76						*21.50	*23.00		
"S.P."	Hurlock	2.00	2.01	1.40	1.41	.60	.61	.70	8.00	9.20	10.00	10.42
‡Standard	Salisbury	2.00	1.98	1.40	1.42	.60	.56	1.20	9.00	9.30	5.00	5.74
Top Dresser	Salisbury	5.00	4.98	4.50	4.06	.50	.92	1.00	6.00	7.10	6.00	6.75
F. W. Tunnell & Co., Philadelphia, Pa.												
‡Premier Potato Manure	Colora	4.00	4.13	2.60	2.95	1.40	1.18	.40	8.00	8.90	7.00	7.39
Potato and Truck Manure	Colora	2.00	2.08	1.00	.90	1.00	1.18	.40	8.00	9.10	10.00	10.70
‡Wheat and Cereal Manure	Colora	1.00	1.19	.50	.44	.50	.75	.60	10.00	10.70	5.00	5.38
Valiant Fertilizer Co., Laurel, Del.												
‡Arcadia		4.00	3.90	2.80	3.52	1.20	.38	.60	8.00	8.80	5.00	6.72
‡†Champion		4.00	3.99	1.60	3.65	2.40	.34	.30	8.00	8.50	7.00	8.84
‡†Diamond		2.00	1.81	.80	1.49	1.20	.32	.60	8.00	8.10	5.00	5.12
‡†Gem		2.00	2.39	1.20	1.91	.80	.48	.60	8.00	8.90	10.00	10.40
‡†Ideal		5.00	5.00	3.20	4.44	1.80	.66	.20	8.00	8.70	12.00	14.44

‡†Champion		4.00	3.99	1.60	3.65	2.40	.34	.30	8.00	8.50	7.00	8.84
‡†Diamond		2.00	1.81	.80	1.49	1.20	.32	.60	8.00	8.10	5.00	5.12
‡†Gem		2.00	2.39	1.20	1.91	.80	.48	.60	8.00	8.90	10.00	10.40
‡†Ideal		5.00	5.00	3.20	4.44	1.80	.66	.20	8.00	8.70	12.00	14.44
‡†Jewel		6.00	5.48	4.80	5.01	1.20	.47	.30	6.00	7.10	5.00	5.59
‡†Progress		3.00	3.20	1.20	2.85	1.80	.35	.50	8.00	8.90	8.00	8.41
‡†Quality		3.00	3.14	1.20	2.58	1.80	.56	.50	8.00	8.70	10.00	12.04
‡†Winner		4.00	4.10	2.80	3.59	1.20	.51	.50	8.00	9.00	10.00	10.08
E. S. Valliant & Son, Centreville, Md.												
Corn Mixture	Centreville							.60	7.00	7.50	7.00	7.18
‡Fish Brand Mixture 2-9-10	Centreville	2.00	2.13	1.60	1.59	.40	.54	.50	9.00	9.70	10.00	10.40
Fish Brand Mixture 2-9-6	Centreville	2.00	1.98	1.60	1.68	.40	.30	.60	9.00	10.40	6.00	6.00
4-8-5	Centreville	4.00	4.37	3.75	3.89	.25	.48	.20	8.00	8.80	5.00	5.43
Keystone	Centreville	2.00	1.70	1.70	1.47	.30	.23	.50	8.00	8.10	5.00	5.51
Winner	Centreville	2.00	2.08	1.60	1.66	.40	.42	.50	8.00	8.20	10.00	10.80
Virginia-Carolina Chemical Corp., Baltimore, Md.												
V-C. Superphosphate 20%	Baltimore							.50	20.00	20.00		
V-C. Superphoshpate 16%	Baltimore							.30	16.00	17.00		
V-C. Superphosphate 16%	Baltimore							.40	16.00	17.00		
V-C. Double Owl Brand 4-8-7	Baltimore	4.00	3.99	3.00	3.09	1.00	.90	.40	8.00	8.20	7.00	7.40
V-C. Double Owl Brand 4-8-7	Baltimore	4.00	3.92	3.00	2.81	1.00	1.11	.50	8.00	8.10	7.00	7.00
‡Fine Ground Bone	Baltimore	2.47	2.18						*23.00	*24.70		
V-C. Fish, Bone and Potash Brand Fertilizer 2-9-5	Cardiff	2.00	2.02	1.50	1.50	.50	.52	.50	9.00	10.40	5.00	5.38
‡Genuine Imported Kainit	Baltimore										14.00	13.20
V-C. Great Truck & Veg. Compound 4-8-5	Westover	4.00	3.94	2.80	2.74	1.20	1.20	.50	8.00	7.70	5.00	5.31
V-C. Great Truck & Veg. Compound 4-8-5	Baltimore	4.00	4.07	2.80	3.00	1.20	1.07	.40	8.00	8.30	5.00	5.24
‡†V-C. Great Truck & Veg. Compound 4-8-5	Baltimore	4.00	4.00	2.80	3.44	1.20	.56	.60	8.00	8.20	5.00	5.20
V-C. High Grade Potash Mixture 0-12-5	Baltimore							.30	12.00	12.10	5.00	5.08
V-C. Indian Brand Fertilizer 2-8-10	Baltimore	2.00	2.20	1.50	1.38	.50	.82	.20	8.00	8.30	10.00	10.86
V-C. Indian Brand Fertilizer 2-8-10	Baltimore	2.00	2.01	1.50	1.26	.50	.75	.30	8.00	8.40	10.00	10.40
V-C. Owl Brand Fertilizer 2-12-4	Cardiff	2.00	2.08	1.50	1.46	.50	.62	.20	12.00	12.60	4.00	4.37
‡Sheep and Goat Manure	Baltimore	1.25	1.29						*1.00	*1.50	2.00	3.60
V-C. 6% Truck Fertilizer 6-6-5	Baltimore	6.00	6.11	3.60	3.62	2.40	2.49	.40	6.00	6.60	5.00	5.40
V-C. 6% Truck Fertilizer 6-6-5	Baltimore	6.00	6.15	3.60	3.85	2.40	2.30	.50	6.00	6.50	5.00	5.67
V-C. 6% Truck Fertilizer 6-6-5	Baltimore	6.00	6.35	3.60	3.68	2.40	2.67	.70	6.00	6.60	5.00	5.40
V-C. 6% Truck Fertilizer 6-6-5	Baltimore	6.00	6.07	3.60	3.64	2.40	2.43	.50	6.00	6.60	5.00	5.12
V-C. 6% Truck Fertilizer 6-6-5	Baltimore	6.00	6.15	3.60	3.34	2.40	2.81	.60	6.00	6.70	5.00	5.00
V-C. Sweet Potato Special 3-8-10	Baltimore	3.00	3.23	2.25	2.39	.75	.84	.30	8.00	8.40	10.00	10.43
V-C. Sweet Potato Special 3-8-10	Baltimore	3.00	2.64	2.25	2.11	.75	.53	.20	8.00	8.00	10.00	11.10
‡V-C. 3-8-8 Fertilizer	Baltimore	3.00	3.20	2.25	2.33	.75	.87	.50	8.00	8.50	8.00	8.84
‡V-C. Universal Crop Manure 2-8-5	Baltimore	2.00	2.18	1.50	1.40	.50	.78	.30	8.00	8.60	5.00	5.04
‡V-C. Universal Crop Manure 2-8-5	Baltimore	2.00	2.16	1.50	1.32	.50	.84	.40	8.00	9.00	5.00	4.58

‡ Not Licensed at time of sale. * Total Phosphoric Acid. † Mineral and Organic Findings do not substantiate manufacturers declaration.

Manufacturer and Brand Name	Place of Sampling	NITROGEN (N) Total Guaranteed	NITROGEN (N) Total FOUND	NITROGEN (N) Mineral Declared	NITROGEN (N) Mineral FOUND	NITROGEN (N) Organic Declared	NITROGEN (N) Organic FOUND	PHOSPHORIC ACID (P_2O_5) Insoluble FOUND	PHOSPHORIC ACID (P_2O_5) Available Guaranteed	PHOSPHORIC ACID (P_2O_5) Available FOUND	POTASH (K_4O) Guaranteed	POTASH (K_4O) FOUND
Walker-Gordon Laboratory Co., Inc., Plainsboro, N. J.												
Bovung	Baltimore	2.00	**2.16**	.....	.....	.....	.....	.....	*2.00	*2.40	2.00	**2.40**
Westminster Fertilizer Co., Westminster, Md.												
Superphosphate 16%	Westminster	.....	.....	.....	.....	.....	.....	**1.20**	16.00	**16.30**	.....	.....
Leader	Westminster	1.00	**1.57**	.50	**.95**	.50	**.62**	**.20**	9.00	**9.10**	4.00	**4.60**
Super-A	Westminster	1.00	**1.43**	.50	**.84**	.50	**.59**	**.60**	11.00	**10.80**	2.00	**3.30**
2-8-5	Westminster	2.00	**2.08**	1.40	**1.50**	.60	**.58**	**.30**	8.00	**8.40**	5.00	**5.74**
Wil-Gro Co., Bridgeboro, N. J.												
‡Wil-Gro	Baltimore	4.00	**4.42**	3.00	**3.16**	1.00	**1.26**	**2.70**	12.00	**13.80**	2.00	**3.42**
A. S. Woolley Co., Inc., Seaford, Del.												
Success	Federalsburg	2.00	**1.91**	1.50	**1.15**	.50	**1.76**	**.40**	8.00	**9.90**	5.00	**5.00**
‡Top Dressing	Federalsburg	4.00	**4.27**	3.40	**3.34**	.60	**.93**	**.50**	8.00	**9.10**	5.00	**5.35**
Truck Fertilizer	Federalsburg	3.00	**2.36**	2.20	**1.54**	.80	**.82**	**.50**	8.00	**10.20**	5.00	**5.31**
Worcester Fertilizer Co., Snow Hill, Md.												
Superphosphate 16%	Snow Hill	.....	.....	.....	.....	.....	.....	**1.40**	16.00	**16.30**	.....	.....
‡Gilt Edge 6-6-5	Snow Hill	6.00	**5.98**	3.60	**2.78**	2.40	**3.20**	**.50**	6.00	**7.40**	5.00	**5.04**
*Correct Plant Food Mixture 4-8-5	Snow Hill	4.00	**4.03**	2.80	**2.78**	1.20	**1.25**	**.40**	8.00	**8.60**	5.00	**5.40**
‡Kainit 14%	Snow Hill	.....	.....	.....	.....	.....	.....	.....	.....	.....	14.00	**14.12**
Correct Plant Food Mixture 1-9-4	Snow Hill	1.00	**1.18**	.80	**.98**	.20	**.20**	**.90**	9.00	**10.30**	4.00	**4.23**
*Correct Plant Food Mixture 6-6-5	Snow Hill	6.00	**5.66**	4.20	**4.05**	1.80	**1.61**	**1.20**	6.00	**6.80**	5.00	**5.40**
*Correct Plant Food Mixture 6-6-5	Snow Hill	6.00	**6.01**	4.20	**3.97**	1.80	**2.04**	**.40**	6.00	**6.80**	5.00	**5.35**
‡Correct Plant Food Mixture 3-8-8	Snow Hill	3.00	**3.07**	2.10	**2.04**	.90	**1.03**	**.60**	8.00	**8.70**	8.00	**8.68**
Correct Plant Food Mixture 3-8-10	Snow Hill	3.00	**3.19**	2.10	**2.15**	.90	**1.04**	**.80**	8.00	**8.60**	10.00	**10.24**
Correct Plant Food Mixture 2-8-10	Snow Hill	2.00	**2.18**	1.40	**1.67**	.60	**.51**	**.90**	8.00	**8.50**	10.00	**10.78**
†Correct Plant Food Mixture 2-8-5	Snow Hill	2.00	**2.08**	1.60	**2.01**	.40	**.07**	**1,00**	8.00	**8.10**	5.00	**5.74**
‡Correct Plant Food Mixture 0-12-5	Snow Hill	.....	.....	.....	.....	.....	.....	**1.00**	12.00	**12.70**	5.00	**5.28**

‡ Not Licensed at time of sale. * Total Phosphoric Acid. † Mineral and Organic Findings do not substantiate manufacturers declaration.

* NOTE—In registering in January the three brands marked above, the Manufacturer erroneously stated the mineral and organic nitrogen composition. This erroneous statement was carried in our January publication, No. 150. In response to a request from this Company, we take pleasure in making the proper declaration in

‡ Not Licensed at time of sale. * Total Phosphoric Acid. † Mineral and Organic Findings do not substantiate manufacturers declaration.

* NOTE—In registering in January the three brands marked above, the Manufacturer erroneously stated the mineral and organic nitrogen composition. This erroneous statement was carried in our Inspection No. 150. In response to a request from this Company, we take pleasure in making the proper declaration in

TABLES

The results obtained in the chemical and microscopical examination of feeds are found on pages 32 to 102. Feeds are considered seriously deficient as regards chemical analysis when they are 1 per cent or more deficient in protein, or one-half of 1 per cent deficient in fat.

MANUFACTURER AND ADDRESS	NAME OF FEED
Acme-Evans Co., Indianapolis, Ind.	Acme 32% Dairy Supplement
" " "	Acme 20% Pailfill Dairy
" " "	Producer Dairy
Acton Co., Philadelphia, Pa.	Acton Alfalfa Meal
" "	Acton Pure Dried Skim Milk
Agricultural Corporation of Md., Balto., Md.	‡Md. Special 32% Dairy Ration
" " "	Md. Supplement 32% Dairy Ration
" " "	‡Md. Moremilk 24% Dairy Ration
" " "	‡Md. Moremilk 24% Dairy Ration
" " "	‡Md. Moremilk 24% Dairy Ration
" " "	‡Md. Moneymaker 20% Dairy Ration
" " "	‡Md. Moneymaker 20% Dairy Ration
" " "	Md. Egg Mash No. 1
	Md. Laying Mash No. 3, with Alfalfa Leaf Meal, Cod Liver Oil and Sardine Oil
" " "	Md. Laying Mash No.3, with Alfalfa Leaf Meal
" " "	Md. Laying Mash No.3, with Alfalfa Leaf Meal
" " "	Md. Starting and Growing Mash, with DBM
	Md. Starting and Growing Mash, with DBM., Cod Liver Oil and Sardine Oil
" " "	‡Md. 85% Horse Feed
" " "	‡Md. 85% Horse Feed
" " "	‡Md. 40% Supplement Hog Meal
" " "	‡Md. 40% Supplement Hog Meal
" " "	‡Md. Hog Meal
" " "	Md. Calf Meal
" " "	Md. Chick Grains
" " "	‡Md. Closed Formula Scratch Grains
" " "	Md. Intermediate Scratch Grains
" " "	Md. Scratch Grains No. 1
" " "	‡Md. Turkey Growing Mash
E. T. Allen Co., Atlanta, Ga.	‡Empire—High Grade Cottonseed Meal
G. A. Allender, Elkton, Md.	Dandy 24% Dairy Feed
" "	Dandy 16% Dairy Feed
" "	Dandy Laying Mash
	Dandy Scratch Feed
Allen & Wheeler Co., Troy, Ohio	Trojan Pure Spring Wheat Bran
Allied Mills, Inc., Chicago, Ill.	Wayne 32% Farm Mix Dairy Feed
" " "	*Empire 24% Dairy Ration
" " "	Wayne 24% Dairy Feed
" " "	Empire 20% Dairy Ration
" " "	Empire 16½% Dairy Ration
" " "	Empire 16½% Dairy Ration
" " "	Empire 16½% Dairy Ration
" " "	Empire Egg Mash
" " "	Wayne Egg Mash
" " "	Wayne Supreme Horse Feed

* Means deficient in Protein or Fat.
‡ Not Licensed at time of Sale.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Brunswick	8.36	32.00	33.18	5.00	5.94	9.00	9.43	9.13	33.96	As declared on sack
Brunswick	9.94	20.00	22.33	3.50	4.99	12.00	9.91	9.31	43.52	" "
Brunswick	10.56	16.00	17.35	3.00	3.59	12.00	9.40	9.91	49.19	" "
Berlin	8.90	15.00	17.72	3.00	3.16	20.00	22.53	9.56	38.13	" "
PocomokeC'y	.....	32.00	35.10	.75	x1.96	.....	.....	8.20	.....	" "
Baltimore	8.50	32.00	32.23	4.50	4.73	9.00	7.53	8.22	38.79	" "
Frederick	8.40	32.00	32.33	4.00	4.44	9.00	7.71	10.07	37.05	" "
Baltimore	8.93	24.00	25.21	4.00	4.31	9.00	8.18	5.77	47.60	" "
Frederick	8.07	24.00	25.42	4.00	4.05	9.00	8.09	8.16	46.21	" "
Centreville	9.74	24.00	24.28	4.00	4.49	9.00	7.30	5.78	48.41	" "
Frederick	8.98	20.00	22.54	3.50	4.13	9.00	7.70	6.94	49.71	" "
Centreville	9.50	20.00	21.71	3.50	4.79	9.00	7.59	7.19	49.22	A.
Baltimore	7.45	20.00	19.48	4.00	4.46	7.50	5.86	8.22	54.53	As declared on sack
Baltimore	8.12	18.50	18.87	4.00	4.94	8.00	6.99	8.61	52.47	B.
Baltimore	7.83	18.50	18.87	4.00	4.40	8.00	7.36	9.20	52.34	B.
Ellicott City	7.22	18.50	18.52	4.00	4.57	8.00	4.95	6.52	58.22	B.
Baltimore	7.22	17.00	20.62	4.00	4.17	6.50	5.99	8.92	53.08	C.
Ellicott City	7.37	17.00	18.60	4.00	4.91	6.50	5.68	7.07	56.37	B.
Baltimore	8.50	9.00	10.67	3.00	3.91	9.00	7.28	3.50	66.14	As declared on sack
Easton	10.11	9.00	10.41	3.00	3.22	9.00	6.94	3.67	65.65	" "
Baltimore	6.57	40.00	41.68	5.00	7.21	9.00	6.18	14.38	23.98	As declared on sack
Easton	7.69	40.00	42.82	5.00	6.57	9.00	6.64	7.77	28.51	F.
Baltimore	7.78	18.00	25.97	4.00	5.97	5.00	3.51	11.73	45.04	As declared on sack
Chestertown	8.29	18.50	19.66	3.00	4.17	4.00	3.44	6.41	58.03	" "
Baltimore	9.54	10.00	11.58	2.00	2.63	3.00	1.47	2.16	72.62	" "
Baltimore	8.72	10.00	10.09	2.50	2.61	5.00	2.50	1.60	74.48	E.
Baltimore	8.41	10.00	10.79	2.00	2.96	3.00	2.05	2.46	73.33	As declared on sack
Ellicott City	9.10	10.00	10.71	2.50	2.65	3.00	2.09	1.32	74.13	" "
Chestertown	8.20	20.00	21.06	4.00	4.78	16.00	10.52	10.34	45.10	F.
Chestertown	7.59	41.00	42.12	6.00	6.35	10.00	10.74	6.46	26.74	As declared on sack
Elkton	6.74	24.00	24.92	5.00	5.20	9.00	7.18	6.24	49.72	" "
Elkton	6.67	16.00	17.72	3.50	4.70	12.00	11.61	6.61	52.69	" "
Elkton	6.01	20.00	22.99	4.50	5.83	9.00	6.73	10.61	47.83	" "
Elkton	10.12	9.00	9.13	2.50	3.06	5.00	2.16	1.48	74.05	" "
Baltimore	10.70	14.50	17.46	4.00	4.44	9.50	10.37	7.22	49.81	" "
Cumberland	9.02	32.00	31.34	4.00	5.01	9.00	6.86	10.91	36.86	" "
Salisbury	8.86	24.00	25.96	3.00	3.77	12.00	8.65	9.19	43.57	" "
Hampstead	11.48	24.00	24.42	3.50	4.61	9.00	7.28	8.87	43.34	" "
Cumberland	9.83	20.00	20.39	3.00	3.45	12.00	10.92	8.21	47.20	" "
Oakland	10.06	16.50	19.91	3.00	4.58	12.00	7.67	8.23	49.55	" "
Maugansville	10.72	16.50	20.83	3.00	3.53	12.00	8.87	9.74	46.31	" "
Easton	10.03	16.50	18.58	3.00	3.59	12.00	9.02	10.23	48.55	" "
Easton	9.72	16.50	17.46	3.50	4.27	7.00	4.89	7.16	56.50	" "
Lineboro	7.91	18.00	18.69	3.50	4.27	7.00	5.50	9.93	53.70	" "
Salisbury	8.00	9.50	10.29	3.00	2.90	8.00	4.73	3.15	70.93	As declared on sack

A—Unable to detect Linseed Oil Meal and Peanut Oil Meal—also detected Soy Bean Oil Meal.
B—Contains Alfalfa Stems indicating the use of a Alfalfa Meal and not Alfalfa Leaf Meal as declared.
C—Also detected Alfalfa Meal.
X—Fat as determined by the Roese-Gottlieb Method.
F—Detected Alfalfa Meal and not Alfalfa Leaf Meal as declared.
E—Unable to detect Clipped Oats.

MANUFACTURER AND ADDRESS	NAME OF FEED
Allied Mills, Inc., Chicago, Ill. (Cont.)	Wayne Mash Concentrate
" " "	Wayne Poultry Fattener
" " "	Wayne Pig Meal
" " "	Emergency Hog Feed
" " "	‡Corn Feed Meal
" " "	Empire Starter and Grower, with Sardine Oil
" " "	Wayne All Mash Chick Starter
" " "	Wayne Chick Starter, with Sardine Oil
" " "	Wayne Chick Starter, with Sardine Oil
" " "	Wayne Chick Feed
" " "	Empire Scratch Feed
" " "	Wayne Turkey Mash, with Sardine Oil
" " "	Wayne Turkey Mash
" " "	‡Wayne Rabbit Feed
American Maize-Products Co., New York, N.Y.	Cream of Corn Gluten Feed
American Medicinal Spirits Corp., Balto., Md.	Distillers Dried Grains
American Stores Co., Philadelphia, Pa.	‡Mixed Grains for Poultry
Anchor Mills, Hagerstown, Md.	Zip Egg Mash
Anderson Grain & Feed Co., Inc. York, Pa.	Anderson's 24 Dairy Feed
" " "	Anderson's 16 Dairy Feed
" " "	Anderson's 16 Dairy Feed
" " "	Anderson's Laying Mash, with DBM
" " "	‡White Rose Growing Mash
" " "	‡Anderson's All Mash Starter and Grower
" " "	‡Anderson's Chick Feed
" " "	‡Anderson's Developing Feed
Angle Roller Mills, Berkeley Springs, W. Va.	‡Pure Winter Wheat Bran
" " " "	‡Winter Wheat Flour Middlings
" " " "	Buckwheat Feed
Anheuser-Busch, Inc., St. Louis, Mo.	Corn Gluten Feed
Anne Arundel Cy. Farmers Asso., Balto., Md.	Anarco Egg Mash
" " "	Anarco Growing Mash
" " "	Anarco Baby Chick Mash
" " "	Anarco Baby Chick Grains
" " "	Anarco Intermediate Scratch Feed
" " "	Anarco Scratch Feed
Arcady Farms Milling Co., Chicago, Ill.	‡Milkers Ready Ration
" " "	Peerless Milk Ration
" " "	‡Provo 16% Dairy Feed
" " "	Arcady Sweet 16 Dairy Feed
" " "	Arcady Sweet 16 Dairy Feed
" " "	Arcady Besbet Laying Mash
" " "	‡Sunkist Egg Mash
" " "	‡Beets—Oats Horse and Mule Feed

‡ Not Licensed at time of Sale.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Reisterstown	6.46	32.00	34.22	4.00	5.04	8.00	7.21	18.82	28.25	As declared on sack
Cumberland	9.09	13.50	15.27	3.50	3.93	8.00	6.17	2.66	62.88	" "
Maugansville	10.57	18.00	17.52	3.50	4.82	7.00	4.46	6.79	55.84	" "
Maugansville	9.82	14.00	15.10	3.50	4.57	7.00	5.30	6.46	58.75	" "
Centreville	10.76	9.00	10.62	4.00	3.71	5.00	2.32	2.36	70.23	" "
Frostburg	8.86	16.00	17.02	3.50	5.64	6.00	5.75	7.86	54.87	" "
Hampstead	8.45	17.00	19.48	4.00	4.20	6.00	5.71	9.14	53.02	" "
Maugansville	8.99	17.00	19.13	4.00	5.75	6.00	5.10	9.06	51.97	" "
Easton	9.27	17.00	17.46	4.00	4.90	6.00	4.61	8.44	55.32	" "
Maugansville	9.64	9.00	11.14	2.00	4.52	4.00	1.91	1.71	71.08	" "
Maugansville	11.60	9.00	9.92	2.50	2.34	4.00	1.89	1.17	73.08	" "
Easton	8.44	15.00	15.53	3.50	5.47	8.00	5.94	6.43	58.19	" "
Chestertown	8.93	15.00	16.23	3.50	4.50	8.00	5.50	6.22	58.62	" "
Cumberland	8.24	13.00	16.85	3.00	3.66	11.00	8.31	7.36	55.58	" "
Baltimore	8.67	25.00	26.76	2.00	4.37	8.50	7.99	5.37	46.84	" "
Cardiff	5.58	15.00	15.27	6.00	6.61	23.00	15.13	1.48	55.93	A.
Cumberland	11.20	9.00	9.48	2.50	2.71	6.00	2.15	1.64	72.82	B.
White Hall	8.12	18.00	18.25	4.00	5.81	6.00	4.78	6.20	56.84	As declared on sack
Denton	9.85	24.00	25.71	4.00	4.88	12.00	9.36	7.44	42.76	C.
Denton	10.26	16.00	18.00	3.50	4.19	12.00	11.09	7.80	48.66	C.
Hagerstown	9.20	16.00	17.29	3.50	5.94	12.00	10.60	7.39	49.58	As declared on sack
Hagerstown	8.93	20.00	21.59	4.50	4.85	8.00	6.18	8.43	50.02	" "
Hagerstown	10.19	16.00	17.02	4.00	4.53	7.00	6.65	7.58	54.03	" "
Hagerstown	10.27	16.00	17.11	4.00	4.30	6.50	5.32	6.90	56.10	" "
Hagerstown	11.75	9.00	10.97	2.00	3.00	5.00	1.91	1.98	70.39	" "
Hagerstown	12.27	9.00	10.18	2.50	2.70	5.00	1.87	1.78	71.20	" "
Chewsville	7.36	14.00	15.80	4.00	4.69	9.00	8.67	6.88	56.60	D.
Chewsville	9.81	14.00	14.92	4.00	4.26	5.00	3.56	3.36	64.09	As declared on sack
Hancock	9.38	13.00	13.34	3.00	3.29	33.00	33.04	3.44	37.51	" "
Wash. Grove	4.62	25.00	27.20	2.00	2.01	8.50	9.00	1.76	55.41	" "
Baltimore	6.85	22.00	24.92	5.00	6.18	8.00	5.08	13.02	43.95	" "
Baltimore	7.35	17.00	20.45	5.00	6.18	6.00	4.91	8.04	53.07	" "
Baltimore	7.68	18.00	18.16	4.50	4.91	5.50	4.13	7.32	57.80	" "
Baltimore	9.35	10.00	10.97	2.50	5.08	3.00	2.39	1.98	70.23	" "
Baltimore	8.88	10.00	10.53	2.50	3.52	3.00	2.71	1.98	72.38	" "
Baltimore	10.61	10.00	10.18	2.50	2.83	4.00	2.76	1.58	72.04	" "
Oakland	10.56	22.00	22.64	4.00	4.08	12.00	11.18	9.02	42.52	As declared on sack
Salisbury	10.07	20.00	22.45	3.50	4.25	12.00	9.15	9.30	44.78	" "
Oakland	8.98	16.00	19.29	3.50	4.29	13.50	11.05	9.48	46.91	E.
Mt. Airy	10.06	16.00	15.97	4.00	4.74	12.50	13.28	9.18	46.77	As declared on sack
Mt. Airy	10.38	16.00	18.08	4.00	3.55	12.50	12.60	8.75	46.64	" "
Salisbury	7.95	20.00	20.53	4.00	4.81	7.00	6.35	12.90	47.46	F.
Oakland	9.10	18.00	17.99	4.50	4.27	8.00	8.58	7.47	52.59	As declared on sack
Oakland	10.91	10.00	10.72	3.00	2.87	10.00	6.94	3.89	64.67	F.

A—Fat and Fibre guarantee on sack differ from license.
B—Also detected Barley.
C—Also detected Distillers Corn Dried Grains.
D—Fibre guarantee on sack differs from license.
E—Also detected Whole Weed Seed.
F—Ingredients on sack differ from license.

MANUFACTURER AND ADDRESS	NAME OF FEED
Arcady Farms Milling Co., Chicago, Ill. (Cont.)	Arcady Horse and Mule Feed
" " "	‡Special Horse Feed
" " "	‡Arcady Hog Meal
" " "	‡Wonder Hog Feed
" " "	‡Arcady Besbet Starting Mash
" " "	‡Sunkist Chick Grains
" " "	‡Sunkist Scratch Grains
" " "	Arcady Complete Rabbit Feed
" " "	‡Arcady Complete Rabbit Feed
" " "	Wonder Rabbit Feed
Archer-Daniels-Midland Co., Minneapolis, Minn.	‡37% Protein Old Process Linseed Meal
	"Ardanco" Flaxseed Screenings
Ashcraft-Wilkinson Co., Atlanta, Ga.	Helmet Brand Prime Cottonseed Meal
" " "	Helmet Brand Prime Cottonseed Meal
" " "	Helmet Brand Prime Cottonseed Meal
" " "	Helmet Brand Prime Cottonseed Meal
" " "	Helmet Brand Prime Cottonseed Meal
" " "	Helmet Brand Prime Cottonseed Meal
Athey & Harrison, Laurel, Md.	Laurel Scratch Feed
Atlan Mfg. Co., Jersey City, N. J.	‡Atlan's Star Meat and Bone Scrap
Baltimore Feed & Grain Co., Baltimore, Md.	BBL. Fish Meal
" " "	BBL. 24% Dairy Feed
" " "	BBL. 20% Dairy Feed, with Molasses and Minerals
" " "	BBL. 16½% Dairy Feed
" " "	BBL. Egg Mash
" " "	BBL. All Mash Laying Ration, with DBM. and Minerals
" " "	BBL. Improved Laying Mash, with DBM. and Mineral Supplement
" " "	BBL. Cod Mlk O Lay Breeding Mash, with DBM., Cod Liver Oil & Mineral Supplement
" " "	BBL. Cod Mlk O Gro, with DBM., Cod Liver Oil Mineral Supplement
" " "	BBL. Broiler Mash
" " "	BBL. Growing Mash, with DBM & Minerals
" " "	BBL. All Mash Starting & Growing Mash, with DBM., Cod Liver Oil & Minerals
" " "	BBL. 40% Horse Feed
" " "	BBL. 85% Horse Feed
" " "	BBL. Cod Mlk O Chick Starter, DBM., Cod Liver Oil & Mineral Supplement
" " "	BBL. All Mash Chick Starter, with DBM., Cod Liver Oil & Minerals
" " "	BBL. Chick Developer
" " "	BBL. Baby Chick Feed
" " "	BBL. Recleaned Scratch Feed
" " "	BBL. Special Scratch Feed

‡ Not Licensed at time of Sale.

SAMPLED FROM	Moisture	PROTEIN Guaranteed	PROTEIN FOUND	FAT Guaranteed	FAT FOUND	FIBRE Guaranteed	FIBRE FOUND	Ash	Nitrogen Free Extract	INGREDIENTS
Salisbury	10.35	9.00	**10.04**	2.00	**2.36**	12.00	**9.03**	5.75	62.47	As declared on sack
Clinton	11.65	8.00	**9.11**	2.00	**2.56**	12.00	**9.23**	5.12	62.33	" "
Accident	10.85	15.00	**16.21**	3.50	**5.46**	7.00	**6.66**	9.33	51.49	" "
Oakland	10.37	18.00	**17.63**	4.50	**4.67**	7.00	**6.78**	8.88	51.67	" "
Mt. Airy	10.24	13.00	**14.74**	3.50	**4.74**	6.00	**5.38**	7.00	57.90	" "
Clinton	12.43	10.00	**10.83**	2.50	**2.37**	5.00	**1.86**	1.80	70.71	" "
Oakland	7.35	10.00	**10.71**	2.50	**3.02**	5.00	**2.19**	1.80	74.93	" "
Baltimore	10.39	12.00	**13.47**	2.50	**2.55**	16.00	**12.91**	8.04	52.64	" "
Mt. Airy	10.52	12.00	**13.44**	2.50	**2.58**	16.00	**14.33**	6.68	52.45	" "
Mt. Airy	10.47	12.00	**12.62**	3.50	**3.15**	8.00	**6.50**	5.04	62.22	" "
Hagerstown	8.54	37.00	**39.14**	4.50	**4.62**	9.00	**7.85**	5.16	34.69	" "
Maugansville	8.23	15.00	**17.11**	8.00	**8.94**	12.00	**11.92**	7.46	46.34	" "
Baltimore	5.79	41.00	**40.63**	5.50	**6.60**	10.00	**13.56**	6.01	27.41	" "
Baltimore	6.51	41.00	**42.21**	5.50	**6.33**	10.00	**10.66**	6.10	28.19	" "
Woodbine	6.15	41.00	**41.24**	5.50	**6.12**	10.00	**13.93**	5.40	27.16	" "
Linwood	6.67	41.00	**42.74**	5.50	**6.41**	10.00	**10.65**	6.26	27.27	" "
Medford	6.54	41.00	**41.42**	5.50	**6.34**	10.00	**13.40**	5.30	27.00	" "
Hagerstown	6.32	41.00	**42.21**	5.50	**5.80**	10.00	**9.95**	6.78	28.94	" "
Laurel	10.30	9.00	**10.44**	2.50	**2.62**	5.00	**2.87**	1.75	72.02	A.
Baltimore	5.15	50.00	**50.28**	8.00	**11.28**	3.00	**1.41**	31.70	.18	As declared on sack
Gapland	8.58	55.00	**58.80**	6.00	**10.44**	2.00	**.96**	18.10	3.12	" "
Baltimore	9.20	24.00	**26.47**	4.50	**4.05**	8.00	**9.59**	7.13	43.56	" "
Baltimore	9.73	20.00	**22.10**	4.50	**4.34**	12.00	**8.67**	6.90	48.26	" "
Baltimore	9.29	16.50	**18.70**	3.00	**3.64**	13.00	**10.47**	9.49	48.41	" "
Baltimore	9.67	20.00	**20.53**	4.50	**4.47**	9.00	**8.58**	7.07	49.68	B.
Baltimore	9.19	15.00	**17.02**	4.00	**3.95**	5.50	**4.54**	6.66	58.64	As declared on sack
Baltimore	10.64	20.00	**21.06**	4.00	**5.82**	6.50	**5.43**	8.71	48.34	C.
Baltimore	10.51	20.00	**21.06**	4.00	**6.11**	6.50	**5.09**	8.76	48.47	C.
Baltimore	8.67	18.00	**19.74**	4.50	**5.50**	6.50	**5.50**	6.67	53.92	As declared on sack
Baltimore	9.87	17.00	**18.78**	4.50	**5.28**	6.00	**5.28**	8.40	52.39	" "
Baltimore	10.28	18.00	**19.66**	4.50	**5.17**	6.50	**5.30**	6.72	52.87	C.
Baltimore	9.55	14.00	**15.18**	3.50	**4.71**	4.00	**3.78**	6.06	60.72	As declared on sack
Baltimore	10.45	7.00	**10.27**	2.50	**2.91**	13.00	**6.86**	5.38	64.13	D.
Baltimore	10.26	9.00	**9.31**	3.50	**3.19**	9.00	**5.20**	2.76	69.28	As declared on sack
Baltimore	9.91	16.00	**17.55**	4.50	**5.65**	5.00	**4.28**	7.07	55.54	" "
Baltimore	9.87	14.00	**16.32**	4.00	**5.04**	3.00	**3.36**	6.57	58.84	" "
Baltimore	11.10	10.00	**11.23**	3.00	**3.65**	3.00	**2.66**	2.38	68.98	As declared on sack
Baltimore	11.01	10.00	**10.88**	3.00	**3.42**	3.00	**1.79**	1.55	71.35	" "
Baltimore	12.66	10.00	**10.35**	3.00	**2.84**	3.00	**2.90**	2.06	69.19	" "
Baltimore	11.60	10.00	**10.09**	3.00	**3.11**	2.50	**1.96**	2.86	70.38	" "

A—Unable to detect Milo Maize—also detected Oats.
B—Also detected Alfalfa Meal.
C—Product contains Linseed Meal and not Flaxseed Meal.
D—Also detected Alfalfa Meal.

MANUFACTURER AND ADDRESS	NAME OF FEED
Baltimore Feed & Grain Co., Baltimore, Md. (Continued.)	Victory Scratch Feed
" " "	BBL. Breeding Pigeon Feed
" " "	BBL. Special Breeding Pigeon Feed
" " "	‡BBL. Lauterbach Special Racing Pigeon Feed
Barker, Moore & Mein Co., Philadelphia, Pa.	Barker's Poultry Powder
Baugh & Sons Co., Baltimore, Md.	‡Baugh's Oldest Brand Meat and Bone Scrap
" " "	Baugh's 58% Fish Meal
" " "	*‡Baugh's 58% Fish Meal
" " "	Baugh's 58% Fish Meal
" " "	Baugh's Sterilized Steamed Bone for Feeding
" " "	Baugh's 60% Digester Tankage
J. L. Beauchamp & Sons, Delmar, Del.	‡Delmar Laying Mash
" " "	‡J. B. Laying Mash
" " "	‡J. B. All Mash Grow, with BM. & Cod Liver Oil
G. T. Bell & Son, Federalsburg, Md.	Pure Wheat Bran
" "	Pure Wheat Middlings
J. P. Bennett & Sons, Mardela Springs, Md.	Best Laying Mash
" " "	Best Hog Feed
" " "	Best Chick Starter
" " "	Best Scratch Feed
Berlin Milling Co., Inc., Berlin, Md.	Economy Laying Mash
" " "	Economy Growing Mash
" " "	Economy Starter and Broiler Mash
Berlin Milling Co., Salisbury, Md.	Wheat Bran, with Ground Screenings N. Ex. M. R.
" " "	Pure Wheat Flour Middlings
Geo. W. Biles Co., Inc., Providence, Md.	Cecil County Dairy Feed
" " "	Cecil County Laying Mash
" " "	Cecil County Growing Mash
" " "	Pure Corn Meal
" " "	Pure Corn and Oats Chop
" " "	Cecil County Chick Starter
Black Rock Milling Corp., Buffalo, N. Y.	Bidwell Scratch Feed
W. H. Blakeslee, Wye Mills, Md.	Pure Wheat Bran
" "	†Pure Wheat Middlings
Blamberg Brothers, Inc., Baltimore, Md.	*‡Cornell Brand Scratch Feed
" " "	Cornell Brand No. 1 Superfine Breeding Feed
" " "	‡Cornell Brand No. 1 Superfine Breeding Feed
" " "	‡Cornell Brand No. 2 Pigeon Feed
" " "	‡Cornell Brand No. 4 Pigeon Feed

‡ Not Licensed at time of Sale.
* Means deficient in Protein or Fat.
† Means deficient in both Protein and Fat.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Baltimore	12.18	10.00	**10.35**	3.00	**3.40**	3.00	**2.93**	1.76	69.38	A.
Baltimore	10.88	14.00	**14.39**	3.00	**3.90**	4.00	**4.24**	2.02	64.57	As declared on sack
Baltimore	11.08	14.00	**14.74**	3.00	**4.45**	4.00	**4.37**	2.13	63.23	" "
Baltimore	9.69	17.50	**18.60**	3.00	**2.87**	5.00	**4.36**	2.53	61.95	" "
Hampstead	7.49	15.00	**21.32**	3.50	**4.09**	16.00	**9.03**	23.61	34.46	" "
Chestertown	5.80	50.00	**52.83**	6.00	**11.25**	3.00	**1.57**	27.04	1.51	" "
Snow Hill	8.69	58.00	**58.87**	5.00	**6.24**	3.00	**.38**	14.84	10.98	" "
Berlin	6.42	58.00	**56.08**	5.00	**8.61**	3.00	**1.05**	23.42	4.42	" "
PocomokeC'y	7.28	58.00	**60.90**	5.00	**6.86**	3.00	**.45**	14.96	9.55	" "
New Windsor	2.22	5.00	**4.04**	.20	**.13**	4.00	**1.43**	90.57	1.61	" "
Woodbine	6.64	60.00	**59.06**	5.00	**4.65**	3.00	**1.20**	25.88	2.57	" "
Salisbury	7.82	20.00	**18.60**	4.00	**5.29**	8.00	**8.05**	11.72	48.52	" "
Salisbury	7.63	16.00	**18.69**	4.50	**4.96**	8.00	**6.96**	9.64	52.12	" "
Salisbury	8.32	17.00	**18.60**	4.50	**5.71**	7.00	**4.90**	7.78	54.69	B.
Federalsburg	8.30	14.50	**14.57**	4.00	**4.62**	9.00	**9.38**	6.30	56.83	As declared on sack
Federalsburg	11.05	15.00	**14.74**	4.00	**4.04**	5.00	**3.67**	3.18	63.32	" "
Mardela Spgs	8.67	20.00	**21.41**	4.00	**5.03**	9.00	**6.23**	10.60	48.06	C.
Mardela Spgs	8.88	16.00	**16.94**	4.00	**4.72**	10.00	**6.30**	9.06	54.10	As declared on sack
Mardela Spgs	8.97	15.00	**16.76**	4.00	**4.77**	7.00	**4.38**	8.28	56.84	" "
Mardela Spgs	9.98	8.00	**10.18**	2.00	**2.74**	4.00	**2.46**	1.46	73.18	C.
Berlin	8.09	19.00	**19.22**	5.00	**5.40**	6.50	**7.15**	11.33	48.81	As declared on sack
Berlin	8.29	15.00	**16.67**	4.50	**5.24**	5.00	**6.32**	8.18	55.30	" "
Berlin	8.98	18.00	**18.08**	4.50	**4.66**	4.50	**5.11**	9.06	54.11	" "
Salisbury	7.86	15.00	**15.45**	3.00	**5.03**	10.00	**9.90**	6.92	54.84	" "
Salisbury	9.41	14.50	**15.09**	4.00	**4.12**	5.00	**5.67**	4.24	61.47	" "
Providence	7.28	24.00	**25.89**	4.00	**4.12**	9.00	**8.41**	9.58	44.72	" "
Providence	9.78	20.00	**21.76**	4.00	**4.80**	8.00	**7.36**	9.10	47.20	" "
Providence	9.61	16.00	**19.83**	4.00	**5.20**	8.00	**5.27**	8.12	51.97	" "
Providence	9.87	7.00	**8.07**	4.00	**3.91**	5.00	**2.30**	1.62	74.23	" "
Providence	10.23	8.00	**9.13**	4.00	**3.65**	8.00	**4.88**	2.09	70.02	" "
Providence	8.66	14.00	**17.11**	4.00	**5.38**	6.00	**2.77**	3.16	62.92	" "
PrincessAnne	11.30	10.00	**10.00**	1.50	**2.95**	5.00	**2.05**	1.58	72.12	" "
Wye Mills	8.80	14.00	**14.74**	3.50	**3.81**	10.00	**6.46**	4.58	61.61	" "
Wye Mills	12.54	14.00	**11.76**	4.00	**1.40**	5.00	**2.09**	1.86	70.35	" "
Baltimore	10.20	10.50	**9.65**	3.50	**2.47**	4.00	**2.70**	1.67	73.31	D.
Baltimore	8.80	12.10	**13.16**	3.70	**4.28**	3.50	**3.40**	2.21	68.15	As declared on sack
Baltimore	9.18	12.10	**12.55**	3.70	**4.72**	3.50	**3.74**	2.28	67.53	" "
Baltimore	8.49	14.00	**14.57**	3.00	**3.02**	4.00	**3.63**	2.10	68.19	" "
Baltimore	10.38	13.50	**15.60**	2.60	**2.69**	4.30	**3.32**	2.11	65.90	" "

A—Also detected Oats.
B—Also detected Ground Oats.
C—Ingredients on sack differ from license.
D—Unable to detect Milo Maize.

MANUFACTURER AND ADDRESS	NAME OF FEED
Blank & Gottshall Co., Inc., Sunbury, Pa.	Laying Mash
" " "	‡B. & G. Growing Mash, with BM
" " "	‡B. & G. Developing Food
" " "	‡B. & G. Chick Food Invigorator
" " "	B. & G. Baby Chick Starter Mash
" " "	*Banner Scratch Feed
Blatchford Calf Meal Co., Waukegan, Ill.	‡Blatchford's Calf Meal
Bowman Bros., Gaithersburg, Md.	Gilt Edge 26% Dairy
" "	Gilt Edge Laying Mash
" "	Gilt Edge Grower
" "	Pure Wheat Bran
" "	Wheat Middlings, with M. R. S.
" "	Gilt-Edge Starting Mash
" "	Gilt Edge Scratch Feed
Bradley & Baker, Baltimore, Md.	50% Meat and Bone Scrap
" "	50% Meat and Bone Scrap
" "	45% Meat Scraps
" "	45% Meat Scraps
" "	45% Meat Scraps
" "	45% Meat Scraps
" "	‡Fish Meal
" "	Fish Meal
C. H. Braun & Sons, Inc., Baltimore, Md.	Encore Brand 45% Meat and Bone Scrap
Broawater Brothers, Grantsville, Md.	Laying Mash
Brooks Supply Co., Reisterstown, Md.	"Brooks Special" Laying Mash
P. M. Brooks, Chestertown, Md.	*Rose Bud 20% Special Dairy Feed
" "	Rose Bud Egg Mash
" "	Rose Bud Poultry Grains
" "	Pure Wheat Bran
" "	Pure Wheat Middlings
" "	Brook's Rose Bud Starter and Grower
" "	Brook's Rose Bud Turkey Mash
Herbert Bryant, Inc, Alexandria, Va.	Meat Scrap for Poultry
" "	*Pure Ground Fish for Poultry
" "	Bryant's Home 32% Dairy Feed
" "	Bryant's Home 26% Dairy Feed
" "	Bryant's Home Laying Mash
" "	Bryant's Home Growing Mash
" "	Bryant's Home Chick Starter
Calvary Roller Mills, Bel Air, Md.	*Pure Grain Dairy Ration
" "	Calvary Laying Mash
Camrbidge Mfg., Co., Cambridge, Md.	‡New Vim Molasses Dairy Feed
" "	‡New Vim Molasses Dairy Feed

‡ Not Licensed at time of Sale.
* Means deficient in Protein or Fat.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Frederick	10.18	18.00	18.60	5.00	5.07	6.50	6.75	8.06	51.34	B.
Frederick	9.71	18.00	18.08	6.00	5.79	7.00	5.97	7.23	53.22	As declared on sack
Frederick	12.32	10.00	10.71	2.50	3.38	2.50	2.18	1.97	69.44	" "
Frederick	11.47	10.50	12.37	2.25	3.96	3.50	2.14	2.12	67.94	" "
Frederick	9.29	16.00	17.20	4.00	4.90	6.00	5.27	12.44	50.90	C.
Frederick	11.88	10.00	9.57	3.50	2.72	4.50	2.29	1.58	71.96	D.
Ellicott City	8.08	24.00	25.71	5.00	5.34	6.75	5.72	7.59	47.56	As declared on sack
Gaithersburg	8.89	26.00	26.15	5.00	5.03	9.00	7.79	7.66	44.48	" "
Gaithersburg	10.97	19.00	19.83	5.00	5.34	6.00	6.34	8.75	48.77	" "
Gaithersburg	8.20	17.00	17.99	4.00	6.64	6.00	5.40	7.62	54.15	" "
Gaithersburg	9.56	13.50	15.62	3.20	3.96	9.27	9.78	6.10	54.98	" "
Gaithersburg	11.10	14.00	15.80	4.00	4.11	10.00	4.45	3.46	61.08	" "
Gaithersburg	8.05	16.00	18.25	4.00	5.80	5.00	5.40	7.34	55.16	" "
Gaithersburg	11.03	9.00	9.74	2.00	2.60	2.00	2.48	1.34	72.81	" "
Baltimore	5.91	50.00	50.02	6.00	10.24	3.00	1.84	28.23	3.76	As declared on sack
Hampstead	6.59	50.00	50.37	6.00	11.43	3.00	2.12	26.63	2.86	" "
Baltimore	6.07	45.00	48.71	6.00	11.38	3.00	2.06	31.01	.77	" "
Baltimore	5.48	45.00	46.95	6.00	9.86	3.00	2.18	30.50	5.03	A.
Bel Air	6.03	45.00	47.56	6.00	11.50	3.00	2.53	29.00	3.38	As declared on sack
Baltimore	6.06	45.00	47.91	6.00	9.43	3.00	1.81	31.54	3.25	A.
Frederick	6.12	55.00	58.80	6.00	6.18	2.00	.49	15.90	12.51	As declared on sack
Baltimore	7.13	55.00	59.50	6.00	6.57	3.00	.35	16.05	10.40	D.
Hagerstown	6.49	45.00	49.32	6.00	10.97	3.00	1.73	27.68	3.81	D.
Grantsville	9.20	18.00	20.27	5.00	5.56	6.00	5.91	7.30	51.76	" "
Reisterstown	8.61	18.00	19.83	4.00	5.57	7.00	7.92	8.40	49.67	" "
Chestertown	9.09	20.00	20.06	4.50	3.85	9.50	8.93	6.36	51.71	" "
Chestertown	8.19	19.00	18.95	4.50	4.90	7.00	6.88	10.20	50.88	" "
Chestertown	10.55	9.00	10.00	2.50	3.46	5.00	2.78	1.84	71.37	E.
Chestertown	9.41	13.00	14.48	3.50	3.97	10.00	10.98	7.20	53.96	As declared on sack
Chestertown	10.06	13.00	14.30	3.50	3.57	5.00	3.80	3.03	65.24	" "
Chestertown	8.58	16.00	19.31	4.50	4.77	7.00	5.59	9.59	52.16	As declared on sack
Chestertown	8.14	20.00	20.18	4.50	5.42	9.00	6.64	10.66	48.96	" "
Wash. Grove	7.29	50.00	49.67	10.00	11.36	2.00	2.09	28.40	1.19	" "
Wash. Grove	8.46	58.00	55.24	7.00	11.53	1.00	.73	21.11	2.93	" "
Wash. Grove	8.34	32.00	34.49	4.00	5.23	10.00	8.92	7.95	35.07	D.
Wash. Grove	8.88	26.00	28.61	4.00	4.46	11.00	8.39	7.23	42.43	D.
Wash. Grove	10.33	19.00	19.83	5.00	5.10	7.00	5.77	9.63	49.34	D.
Wash. Grove	10.90	16.00	17.11	4.00	5.03	7.00	6.20	7.97	52.79	D.
Wash. Grove	10.05	18.00	20.36	4.00	5.67	5.00	4.54	7.46	51.92	As declared on sack
Bel Air	9.61	20.00	18.79	4.50	5.34	10.00	7.91	4.41	53.94	F.
Bel Air	9.58	19.50	19.70	5.00	6.20	7.00	6.62	10.38	47.52	As declared on sack
Cambridge	8.05	32.00	32.61	4.50	4.98	9.00	8.21	8.73	37.42	" "
Cambridge	8.55	24.00	24.95	4.00	4.51	9.50	8.78	9.09	44.12	" "

B—Ingredients on sack differ from license.
C—Protein and Fibre guarantee and ingredients on sack differ from license.
D—Fibre guarantee on sack differs from license.
A—Should be designated as Meat and Bone Scrap.
D—Fibre guarantee on sack differs from license.
E—Also detected Sunflower Seed.
D—Fibre guarantee on sack differs from license.
F—Unable to detect Ground Wheat.

MANUFACTURER AND ADDRESS	NAME OF FEED
Cambridge Mfg., Co., Cambridge, Md., (Cont.)	‡New Vim Molasses Dairy Feed
" "	‡New Vim Molasses Dairy Feed
" "	‡Moore's Laying Mash
" "	‡New Vim Special Laying Mash
" "	‡New Vim Super Laying Mash
" "	*‡Gets 'Em Laying Mash
" "	New Vim Special Growing Mash
" "	‡Broiler Mash
" "	‡Pure Wheat Bran
" "	‡Pure Wheat Flour Middlings
" "	‡Super Chick Starter
" "	Super Chick Starter
" "	‡New Vim Fine Chick Scratch
" "	‡New Vim Scratch Feed (Medium)
" "	‡New Vim Scratch Feed
" "	New Vim Turkey Growing
" "	New Vim Turkey Starter
Cannon Valley Milling Co., Minneapolis, Minn.	Cannon Feed
" " "	Cannon Valley Standard Middlings, with M. R. S.
Cardiff Milling Co., Cardiff, Md.	Daisy Laying Mash
Jesse C. Carr, Vale, Md.	Pure Wheat Bran
" "	Pure Wheat Middlings
" "	*Pure Corn Bran
" "	Pure Corn Chop
Carter & Yates Milling Co., Church Hill, Md.	Red Star Laying Mash
" " "	Economy Chick Starter & Grower
" " "	Red Star Chick Starter and Grower
" " "	Red Star Turkey Mash
Cecil County Milling Co., Rising Sun, Md.	Rising Sun Brand 16% Dairy Feed
" " "	Rising Sun Brand Laying Mash, with DBM
" " "	*Rising Sun Brand Scratch Feed
Central Chemical Co., Inc., Baltimore, Md.	"Gro-All" Meat Scraps 55%
" " "	*"Gro-All" Meat Scraps 55%
" " "	"Gro-All" Meat Scraps 55%
" " "	†"Gro-All" Meat and Bone Scraps 50%
" " "	"Gro-All" Meat and Bone Scraps 50%
" " "	"Gro-All" Meat and Bone Scraps 50%
" " "	‡*"Gro-All" Steamed Bone Meal
" " "	"Gro-All" Fish Meal 55%
" " "	"Gro-All" Fish Meal 55%
" " "	*"Gro-All" 60% Digester Tankage
" " "	*"Gro-All" 60% Digester Tankage
Central Feed Co., Baltimore, Md.	Booths Pigeon Feed
" "	Breeding Pigeon Feed

* Means deficient in Protein or Fat.
† Means deficient in both Protein and Fat.
‡ Not Licensed at time of Sale.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Cambridge	9.21	20.00	21.45	4.00	3.99	10.00	9.51	7.80	48.04	As declared on sack
Cambridge	9.45	16.00	17.62	3.00	3.43	12.00	11.29	7.73	50.48	" "
Cambridge	8.24	20.00	20.18	5.00	4.87	5.00	4.90	8.79	53.02	" "
Cambridge	8.46	20.00	20.01	5.00	4.85	7.00	6.35	12.16	48.17	" "
Cambridge	8.11	20.00	21.59	5.00	4.78	7.00	5.58	11.42	48.52	" "
Cambridge	8.01	20.00	18.52	5.00	5.02	7.00	4.48	8.35	55.62	" "
Cambridge	9.06	16.00	17.11	4.00	5.06	6.00	5.06	9.41	54.30	" "
Cambridge	8.92	17.00	18.16	4.00	4.79	5.00	4.10	8.36	55.67	" "
Cambridge	7.87	14.00	14.48	4.00	3.81	10.00	11.47	7.36	55.01	" "
Cambridge	10.81	14.50	14.48	4.00	3.64	5.00	4.61	3.90	62.56	" "
Cambridge	10.00	14.00	16.85	4.00	5.40	5.50	4.05	7.20	56.50	" "
Cambridge	7.53	14.00	18.95	4.00	4.98	5.50	4.27	9.25	55.02	" "
Cambridge	9.37	.9.00	11.41	2.50	3.64	3.00	1.70	1.86	72.02	As declared on sack
Cambridge	9.52	9.00	10.18	2.50	2.10	4.00	1.96	1.44	74.80	" "
Cambridge	10.67	9.00	10.53	3.00	2.56	10.00	2.40	1.53	72.31	" "
Cambridge	8.37	25.00	26.15	4.00	5.37	5.00	3.82	11.04	45.25	" "
Cambridge	8.67	20.00	20.80	4.00	4.16	5.00	4.35	11.16	50.88	" "
Grantsville	8.93	17.00	18.16	3.00	3.08	6.00	2.72	2.74	64.37	" "
Grantsville	7.54	16.00	17.90	4.50	5.27	9.50	7.23	4.31	57.75	" "
Cardiff	7.79	20.00	21.24	4.00	4.80	6.50	7.93	11.58	46.66	" "
Vale	9.84	14.00	15.53	3.50	3.75	5.00	7.74	5.75	57.39	" "
Vale	9.32	14.00	15.36	3.50	4.04	5.00	4.34	4.07	62.87	" "
Vale	8.51	6.00	5.18	3.00	2.18	15.00	15.07	1.05	68.01	" "
Vale	11.62	9.00	8.25	4.00	3.95	5.00	2.16	1.26	72.76	" "
Centreville	9.47	20.00	19.92	5.00	5.10	8.00	6.73	7.70	51.08	A.
Centreville	10.48	15.00	15.62	4.00	4.66	5.00	3.48	5.30	60.46	As declared on sack
Centreville	9.80	16.00	16.32	4.00	4.88	5.00	4.26	9.95	54.79	" "
Centreville	9.18	18.00	19.31	4.00	4.71	10.00	7.00	7.70	52.10	" "
Rising Sun	9.08	16.00	18.13	3.50	3.89	12.00	9.19	6.63	50.38	" "
Rising Sun	7.62	20.00	21.41	4.50	4.69	5.00	6.39	9.63	50.26	" "
Rising Sun	9.85	10.00	10.00	3.50	2.75	5.00	2.46	1.80	73.14	" "
Ellicott City	6.14	55.00	55.37	8.00	13.34	2.00	1.61	18.78	4.76	As declared on sack
Baltimore	6.25	55.00	53.79	8.00	11.87	2.00	.94	25.45	1.70	" "
Baltimore	5.27	55.00	58.97	8.00	7.93	2.00	1.73	24.97	1.13	" "
Frederick	5.16	50.00	48.62	8.00	7.26	2.00	2.28	34.78	1.90	" "
Frederick	5.95	50.00	49.32	8.00	9.21	2.00	2.08	32.22	1.22	" "
Mt. Airy	6.90	50.00	50.20	8.00	10.99	2.00	1.39	28.47	2.05	" "
Grantsville	2.74	5.00	6.32	2.00	1.26	2.00	1.36	87.15	1.17	" "
Frederick	7.97	55.00	60.99	6.00	7.08	1.00	.71	14.48	8.77	" "
Baltimore	7.77	55.00	57.65	6.00	7.08	1.00	1.04	19.37	7.09	" "
Frederick	6.34	60.00	58.09	8.00	12.72	2.00	1.39	20.89	.57	B.
Lineboro	5.61	60.00	58.98	8.00	9.01	2.00	1.20	22.15	3.05	As declared on sack
Baltimore	9.66	14.00	17.55	4.50	4.60	5.00	5.80	2.78	59.61	" "
Baltimore	10.41	11.00	12.37	4.00	4.31	4.50	3.64	1.90	67.37	" "

A—Ingredients on sack differ from license.
B—Product appears to be Meat Scrap and Blood. Does not appear to have been tanked.

MANUFACTURER AND ADDRESS	NAME OF FEED
Central Purchasing Bureau, State of Md. Baltimore, Md.	*C. P. B. 32% Protein Dairy Feed
" " "	C. P. B. 20% Cow Feed
" " "	C. P. B. 20% Dairy Ration
" " "	C. P. B. 20% Dairy Ration
" " "	C. P. B. 20% Dairy Ration
" " "	C. P. B. 20% Dairy Ration
" " "	*C. P. B. 20% Dairy Ration
" " "	C. P. B. 20% Dairy Ration
" " "	C. P. B. 20% Dairy Ration
" " "	C. P. B. Dry Cow Feed
" " "	C. P. B. Dry Cow Feed
" " "	C. P. B. Dry Cow Feed
" " "	C. P. B. Laying Mash
" " "	C. P. B. Laying Mash
" " "	C. P. B. Laying Mash
" " "	C. P. B. Laying Mash
" " "	C. P. B. Laying Mash
" " "	C. P. B. Growing Mash
" " "	C. P. B. Growing Mash
" " "	C. P. B. Growing Mash
" " "	*C. P. B. Hog Meal
" " "	C. P. B. Hog Meal
" " "	C. P. B. Horse Feed
" " "	C. P. B. Horse Feed
" " "	C. P. B. Horse Feed
" " "	*C. P. B. Horse Feed
" " "	C. P. B. Live Stock Feed
" " "	Mixed to Order Calf Meal
" " "	C. P. B. Starting Mash
" " "	C. P. B. Starting Mash for Chick
Harry Chaney, Woodbine, Md.	Chaney's Laying Mash
Chapin & Co., Hammond, Ind.	‡Unicorn Dairy Ration 24%
" "	‡Unicorn Dairy Ration 20%
" "	‡Chapin Toasted Lay-All Kernels
" "	‡Centaur Fitting Ration
Chestnut Farms Dairy, Washington, D. C.	‡Skim Milk Powder
Chewsville Cooperative Asso., Chewsville, Md.	Thrivont 32% Mixing Ration
" " "	*Thrivont Milk Maker
" " "	Chewsville Maryland Laying Mash
" " "	*Thrivont Laying Mash
" " "	Thrivont Growing Feed
" " "	Thrivont Stock Feed
" " "	*Thrivont Pig and Hog Meal
" " "	Thrivont Chick Starter
" " "	Thrivont Scratch Grains
Harry Clipp, Sharpsburg, Md.	Clipps Egg Mash

‡ Not Licensed at time of Sale.
* Means deficient in Protein or Fat.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Hagerstown	8.77	32.00	31.65	5.00	4.45	9.00	7.57	8.18	39.38	As declared on sack
Loch Raven	8.82	20.00	21.35	3.00	3.92	12.00	8.07	.....	.....	" "
Sykesville	.....	20.00	22.81	4.00	3.94	11.00	8.72	.....	.....	" "
Owings Mills	9.04	20.00	20.42	4.00	4.04	11.00	9.04	.....	.....	" "
Catonsville	8.48	20.00	21.60	4.00	3.92	11.00	9.76	.....	.....	" "
Jessups	11.69	20.00	20.01	4.00	4.04	11.00	8.44	.....	.....	" "
Sykesville	8.59	20.00	20.51	4.00	3.39	11.00	9.64	.....	.....	" "
Loch Raven	11.25	20.00	20.71	4.00	4.12	11.00	7.70	.....	.....	" "
Catonsville	9.89	20.00	21.06	4.00	4.20	11.00	7.70	.....	.....	" "
Jessups	12.65	12.00	14.31	3.00	3.69	7.00	6.65	.....	.....	" "
Sykesville	.....	12.00	15.62	3.00	3.56	7.00	6.52	.....	.....	" "
Owings Mills	9.83	12.00	15.46	3.00	3.75	7.00	7.01	.....	.....	" "
Loch Raven	.....	18.00	19.18	4.50	6.19	6.00	6.54	.....	.....	" "
Sykesville	.....	18.00	18.43	4.50	6.60	6.00	5.73	.....	.....	" "
Waterbury	.....	18.00	19.74	4.50	5.51	6.00	6.66	.....	.....	" "
Loch Raven	.....	18.00	19.04	4.50	5.23	6.00	4.83	.....	.....	A.
Sykesville	.....	18.00	20.18	4.50	6.76	6.00	5.30	.....	.....	As declared on sack
Hagerstown	.....	16.00	18.08	4.00	6.03	6.00	5.94	.....	.....	" "
Sykesville	.....	16.00	18.25	4.00	6.36	6.00	5.74	.....	.....	" "
Loch Raven	.....	16.00	17.72	4.00	6.25	6.00	4.81	.....	.....	" "
Hagerstown	7.32	40.00	35.72	5.00	6.17	5.00	5.65	19.20	25.94	B.
Hagerstown	.....	40.00	41.42	5.00	7.35	5.00	5.19	.....	.....	As declared on sack
Sykesville	9.77	9.00	11.40	3.50	3.60	8.00	7.66	.....	.....	" "
Catonsville	9.50	9.00	10.90	3.50	3.95	8.00	9.08	.....	.....	" "
Waterbury	9.01	9.00	10.96	3.50	3.80	8.00	8.16	.....	.....	" "
Catonsville	10.74	9.00	10.40	3.50	2.88	8.00	6.37	.....	.....	" "
Cambridge	.....	.....	33.26	.....	4.99	.....	9.36	.....	.....	" "
Jessups	.....	.....	24.84	.....	4.30	.....	3.18	.....	.....	" "
Hagerstown	.....	18.00	18.87	4.00	6.51	6.00	5.27	.....	.....	" "
Loch Raven	.....	18.00	18.93	4.00	5.74	6.00	5.13	.....	.....	" "
Woodbine	10.62	18.00	18.16	4.50	4.86	5.00	4.79	8.50	53.07	" "
Annapolis	8.15	24.00	24.76	4.50	4.56	10.00	7.46	9.73	45.34	" "
Baltimore	9.60	20.00	22.82	4.50	4.39	10.00	7.99	9.96	45.24	" "
Baltimore	9.29	20.00	20.88	3.50	4.15	5.00	4.54	8.25	52.89	C.
Baltimore	8.19	12.00	14.83	4.00	4.63	8.00	8.16	4.20	59.99	As declared on sack
Gaithersburg	.....	32.00	34.92	.75	x1.44	.....	.....	8.28	.....	" "
Chewsville	7.40	32.00	32.82	4.50	4.46	9.00	8.78	8.34	38.20	As declared on sack
Chewsville	6.68	23.00	28.78	5.00	4.05	7.00	10.20	9.36	40.93	E.
Chewsville	9.73	19.00	19.74	5.00	4.95	8.00	5.09	10.04	50.45	As declared on sack
Chewsville	10.62	19.00	21.36	5.00	3.11	8.00	6.12	11.71	47.08	" "
Chewsville	10.46	16.00	16.85	4.00	4.88	6.00	5.90	7.25	54.66	" "
Chewsville	10.52	10.00	13.27	3.00	3.39	8.00	7.86	9.19	55.77	F.
Chewsville	10.39	15.00	17.46	5.00	4.00	8.00	5.26	6.96	55.93	G.
Chewsville	9.70	14.00	17.72	4.00	4.81	3.50	4.65	7.24	55.88	D.
Chewsville	11.69	10.00	10.09	2.50	2.98	5.00	1.92	1.71	71.61	As declared on sack
Sharpsburg	7.63	20.00	21.76	4.50	5.07	6.00	5.75	6.78	53.01	" "

X—Fat as determined by the Roese-Gottlieb Method.
A—Contains a large amount of Alfalfa Stems indicating Alfalfa Meal used and Not Leaf Meal as required.
B—Also detected Wheat Bran and Ground Oats or Oat Product.
C—Fat guarantee on sack differs from license.
E—Ingredients on sack differ from license.
F—Fibre guarantee and Ingredients on sack differ from license. Unable to detect Linseed Oil Meal—also detected Corn Gluten, Calcium Carbonate and Charcoal.
G—Unable to detect Corn Gluten Feed.
D—Also detected Alfalfa Meal.

MANUFACTURER AND ADDRESS	NAME OF FEED
J. H. Clusman & Co., Baltimore, Md.	‡Fairfield Farm Special 85 Horse Feed
" " "	‡Reliance Horse Feed
Cohn & Bock Co., Princess Anne, Md.	Laying Mash, with 4% Dried Milk
" " "	Pure Wheat Bran
" " "	Chick Starter, with 5% Dried Milk and Cod Liver Oil
Commercial Milling Co., Detroit, Mich.	Extra Fancy Comco Wheat Middlings, with Ground Grain Screen
" "	Henkels Pure Winter Wheat Bran
Community Mills, Liberty Grove, Md.	Pure Wheat Bran
" " "	Pure Wheat Middlings
G. E. Conkey Co., Cleveland, Ohio	‡Conkey's 32% Supplement Poultry Mash, with Y-O
" "	‡Conkey's Gecco Egg Mash, with Y-O
" "	‡Conkey's Gecco Growing Mash, with Y-O
" "	‡Conkey's Red Seal Growing Mash
" "	Conkey's Gecco Growing Grains
" "	‡Conkey's Kafmeal
" "	‡Conkey's Broiler Mash, with Y-O
" "	‡Conkey's All Grain Horse and Mule Feed
" "	‡Conkey's Starting Feed, with BM. and Y-O
" "	‡Conkey's Gecco Chick Grains
" "	Superior Scratch Grains
" "	‡Conkey's Gecco Scratch Grains
J. T. Conner Co., New York, N. Y.	Anthony Stock Feed
Consolidated By-Product Co., Philadelphia, Pa.	*Consolidated Beef and Bone Scrap
Consolidated Products Co., Danville, Ill.	‡Pure Dried Buttermilk
Consolidated Rendering Co., Boston, Mass.	Banner Meat and Bone Scrap
Consumers Import Co., Inc., New York, N. Y.	‡Cico Fish Meal
" " "	‡Cico Fish Meal
" " "	‡Cico Fish Meal
Continental Distilling Corp., Philadelphia, Pa.	‡Continental Distillers Grains
Continental Feed Co., Inc., Baltimore, Md.	‡Big "C" Sterilized Steam Bone Meal
Continental Milling & Feed Co., Ellicott City, Md.	*Maryland Maide Dairy Feed 24%
" "	Polka Dot Dairy Feed 24%
" "	Patapsco Dairy Feed 16%
" "	Continental Brewers Grains
" "	Polka Dot Laying Mash
" "	Continental Laying Mash
" "	Polka Dot Growing Mash
" "	Polka Dot Growing Mash

‡ Not Licensed at time of Sale.
* Means deficient in Protein or Fat.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Baltimore	10.41	9.00	10.35	3.00	3.33	10.00	8.33	4.33	63.25	As declared on sack
Baltimore	10.03	8.50	9.88	2.50	3.39	8.00	6.10	5.33	65.27	" "
PrincessAnne	7.43	20.00	21.50	4.50	4.87	6.00	5.05	9.36	51.79	" "
PrincessAnne	7.40	13.00	13.16	3.50	3.95	10.00	9.32	6.08	60.09	" "
Princess Anne	7.95	18.00	20.18	5.00	5.58	5.20	5.00	9.40	51.89	" "
Westminster	10.49	15.00	16.94	3.50	4.58	7.00	5.94	3.37	58.68	" "
Wash. Grove	8.36	15.00	15.88	3.00	3.82	12.00	9.85	6.28	55.81	" "
LibertyGrove	7.81	14.00	14.30	3.50	3.68	10.00	10.54	7.40	56.27	" "
LibertyGrove	8.54	14.00	15.71	3.50	5.57	6.00	5.10	4.48	60.60	" "
Hagerstown	6.88	32.00	34.05	5.00	6.67	7.00	4.78	16.17	31.45	As declared on sack
Hagerstown	7.08	20.00	21.76	5.00	6.44	7.00	5.32	11.10	48.30	" "
Hagerstown	7.69	18.00	19.66	5.00	5.99	7.00	6.00	6.86	53.80	" "
Cumberland	8.84	18.00	20.53	4.00	4.82	7.00	4.95	6.40	54.46	" "
Baltimore	12.58	10.00	11.23	2.50	2.40	3.00	1.94	1.45	70.40	" "
Hagerstown	7.97	22.00	26.15	3.00	4.19	6.75	4.11	5.80	51.78	" "
Hagerstown	7.63	19.00	20.45	4.00	6.33	7.00	5.34	7.55	52.70	" "
Hancock	8.72	9.50	11.18	3.00	3.62	9.50	5.43	3.48	67.57	" "
Hagerstown	7.77	16.00	17.64	4.50	6.15	5.00	4.42	6.54	57.48	" "
Hagerstown	9.85	10.00	12.72	2.00	4.09	2.50	2.02	2.20	69.12	A.
Baltimore	11.90	9.00	9.83	2.00	2.31	3.50	2.44	1.25	72.27	As declared on sack
Hagerstown	10.97	9.00	10.09	2.00	2.93	3.50	2.23	2.26	71.52	" "
Bel Air	5.26	17.00	16.41	6.00	5.96	17.00	17.31	2.09	52.97	" "
Berlin	6.00	50.00	47.65	7.00	7.90	3.00	1.86	36.43	.16	" "
Westminster	.....	30.00	34.22	5.50	x6.38	.....	.....	11.73	.....	" "
Frederick	5.20	50.00	50.28	6.00	9.39	3.00	2.20	31.20	1.73	" "
Hagerstown	7.58	55.00	59.06	1.00	7.28	1.00	.42	14.62	11.04	" "
Berlin	7.40	55.00	58.80	1.00	6.48	1.00	.38	14.54	12.40	" "
PrincessAnne	7.48	55.00	58.36	1.00	7.80	1.00	.46	15.01	10.89	" "
Chestertown	3.42	23.00	24.13	3.50	6.29	14.00	12.11	2.64	51.41	As declared on sack
Baltimore	3.88	5.00	5.00	.50	.85	1.50	.80	88.54	.93	" "
Ellicott City	9.54	24.00	24.08	4.50	3.79	9.00	8.43	9.16	45.00	" "
Ellicott City	6.69	24.00	24.04	5.00	4.94	10.00	7.08	7.04	50.21	" "
Ellicott City	9.44	16.00	17.17	4.00	4.99	12.50	12.05	9.14	47.21	C.
Ellicott City	4.42	20.00	31.15	5.00	5.47	14.00	14.37	3.61	40.98	As declared on sack
Baltimore	8.26	20.00	21.76	5.00	5.12	6.00	6.80	11.17	46.89	" "
Baltimore	8.46	20.00	22.11	5.00	6.16	6.00	6.10	9.98	47.19	" "
Raspeburg	7.35	16.00	18.60	5.00	4.77	7.00	5.74	8.07	55.47	B.
Ellicott City	7.60	16.00	18.95	5.00	4.85	7.00	6.35	8.43	53.82	B.

A—Also detected 3.20% Weed Seed.
X—Fat as determined by the Roese-Gottlieb Method.
C—Ingredients on sack differ from license. Unable to detect Corn Distillers Dried Grains—also detected Whole Weed Seed.
B—Also detected Corn Gluten Feed.

MANUFACTURER AND ADDRESS	NAME OF FEED
Continental Milling & Feed Co., Ellicott, City, Md. (Cont.)	Polka Dot Horse Feed
" "	Polka Dot Pig Meal
" "	Red Dog Flour
" "	Polka Dot All Mash Starter and Grower
" "	Polka Dot Chick Grains
" "	Polka Dot Pigeon Feed
" "	Polka Dot Pigeon Feed
" "	Polka Dot Scratch Grains
" "	Pre-Ferd Scratch Grains
" "	Pre-Ferd Scratch Grains
Corn Products Refining Co., New York, N. Y.	Diamond Corn Gluten Meal
" " "	Buffalo Corn Gluten Feed
Cumberland Brewing Co., Cumberland, Md.	Brewers' Wet Grains
Cumberland Milling Co., Cumberland, Md.	‡Corn and Oats Chop
" "	‡Corn Feed Meal
Damascus Milling Co., Damascus, Md.	*Mo-Eg Laying Mash
" "	*Kings Special Hog Feed
" "	*Pure Wheat Bran
" "	Pure Wheat Middlings
Dayton Grain & Feed Co., Dayton, Ohio	Mak-Em-Lay Scratch Feed
Denver Alfalfa Milling & Products Co., Lamar, Col.	Alfalfa Leaf Meal
	Alfalfa Meal
Derwood Mill, Derwood, Md.	Derwood Dairy Feed 32%
" "	*Derwood Dairy Feed 26%
" "	*Derwood Dairy Feed 20%
" "	Derwood Dairy Feed 16%
" "	Derwood Laying Mash
" "	Derwood Growing Mash
" "	*Pure Wheat Bran
" "	*Pure Wheat Middlings
" "	Derwood Baby Chick Starter
" "	Derwood Turkey Mash
Devilbiss Brothers, New Windsor, Md.	*A. No. 1 Laying Mash
Dewey Brothers Co., Blanchester, Ohio	‡Dewey's Brewers Dried Grains
" "	‡*Corn 3D (Dewey's Distillers Dried) Grains
" "	Rye Distillers Dried Grains
Albert Dickinson Co., Chicago, Ill.	‡Dickinson's Globe Milk Producer 24%
" "	‡Dickinson's Globe Milk-Producer 20%
" "	‡Dickinson's Globe Egg-Producer
" "	‡Rival Egg Mash
" "	‡Dickinson's Corn Feed Meal
" "	‡Dickinson's Globe All Mash Starting-Growing
" "	‡Dickinson's Globe StartingRation

‡ Not Licensed at time of Sale.
* Means deficient in Protein or Fat.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Ellicott City	10.85	8.00	10.78	2.00	3.29	14.00	6.18	5.56	63.34	C.
Ellicott City	8.76	18.00	19.83	4.00	4.99	7.00	7.43	8.32	50.67	As declared on sack
Baltimore	10.06	16.00	15.53	4.00	4.07	3.00	3.16	3.28	63.90	" "
Ellicott City	9.04	16.00	18.87	5.00	4.88	5.00	5.59	9.77	51.85	" "
Ellicott City	11.29	10.00	10.62	2.50	4.00	5.00	1.98	2.10	70.01	" "
Ellicott City	10.17	12.00	13.73	2.50	2.50	5.00	3.48	2.03	68.09	" "
Baltimore	10.99	12.00	16.85	2.50	3.11	5.00	4.47	2.50	62.08	" "
Ellicott City	9.56	10.00	10.83	2.50	2.53	5.00	5.25	1.52	70.31	" "
Ellicott City	10.20	10.00	10.00	2.50	2.70	5.00	2.47	1.35	73.28	" "
Baltimore	10.10	10.00	10.09	2.50	2.85	5.00	4.20	1.68	71.08	" "
Frederick	8.12	43.00	43.70	1.00	1.26	4.00	2.84	2.01	42.07	" "
Hampstead	8.88	25.00	25.18	2.00	2.60	8.50	7.71	5.33	50.30	" "
Cumberland	80.04	6.00	6.02	1.50	1.49	5.00	3.19	.85	8.41	" "
Cumberland	11.04	10.00	10.88	2.50	3.54	5.00	3.73	2.15	68.66	As declared on sack
Cumberland	11.69	8.00	9.92	3.00	3.57	5.00	2.30	1.46	71.06	" "
Damascus	8.33	20.00	20.04	5.00	4.47	8.00	6.97	11.88	48.31	" "
Damascus	8.29	17.00	18.08	5.00	4.45	9.00	7.46	8.14	53.58	A.
Damascus	10.67	14.00	16.15	4.50	3.95	9.00	8.17	5.16	55.90	" "
Damascus	10.96	15.00	17.55	4.50	5.23	8.00	5.10	4.58	56.58	" "
Frostburg	12.74	10.00	10.27	2.50	2.34	6.00	2.36	1.35	70.94	B.
PocomokeC'y	8.76	20.00	20.53	2.50	2.85	18.00	16.26	10.76	40.84	As declared on sack
Westminster	6.57	13.00	15.27	1.00	2.09	33.00	27.56	7.44	41.07	" "
Derwood	9.74	32.00	32.57	5.00	4.96	9.00	7.50	7.74	37.49	B.
Derwood	11.43	26.00	24.69	4.00	3.85	9.00	8.02	6.82	45.19	F.
Derwood	11.05	20.00	18.92	4.00	3.79	10.00	10.39	7.28	48.57	D.
Derwood	10.75	16.00	17.70	4.00	4.02	10.00	11.02	7.71	48.80	E.
Derwood	10.56	20.00	20.97	4.00	5.71	7.00	6.04	10.50	46.22	As declared on sack
Derwood	10.79	19.00	20.18	4.00	5.43	6.00	5.20	9.75	48.65	" "
Derwood	10.08	14.00	15.09	4.00	3.42	9.00	7.73	5.61	58.07	" "
Derwood	12.30	15.00	13.86	4.00	2.94	5.00	4.00	2.73	64.17	" "
Derwood	11.41	14.00	15.97	4.00	5.12	6.00	5.25	7.60	54.65	" "
Derwood	9.15	21.00	20.80	4.00	6.06	6.00	9.25	11.68	43.06	" "
New Windsor	8.98	20.00	18.78	4.00	5.01	8.00	8.47	5.54	53.22	" "
Frederick	8.35	22.00	26.99	6.00	6.37	18.00	16.37	3.28	38.64	As declared on sack
Hagerstown	5.22	28.00	30.19	9.00	7.93	13.00	12.46	2.00	42.20	" "
Darlington	6.07	16.00	17.02	5.00	7.15	18.00	15.59	1.60	52.57	" "
Fullerton	8.98	24.00	25.31	3.00	3.75	10.00	7.48	9.47	45.01	" "
Fullerton	9.66	20.00	21.77	3.00	3.69	10.00	7.53	9.70	47.65	G.
Fullerton	7.73	18.00	19.48	3.50	5.45	7.00	5.81	11.96	49.57	As declared on sack
Fullerton	7.74	20.00	21.24	4.00	4.56	7.00	6.12	13.60	46.74	" "
Fullerton	10.94	9.00	10.00	4.00	4.23	5.00	2.92	2.28	69.63	" "
Fullerton	8.39	15.00	17.72	3.50	5.39	6.50	6.04	8.23	54.23	H.
Fullerton	8.13	15.00	16.67	4.00	5.44	5.50	4.52	9.57	55.67	As declared on sack

C—Also detected Alfalfa Meal.
A—Fat guarantee on sack differs from license.
B—Ingredients on sack differ from license.
F—Ingredients on sack differ from license. Also detected Peanut Oil Meal, Ground Corn and a Rye Product.
D—Fibre guarantee on sack differs from license.
E—Ingredients on sack differ from license. Also detected Alfalfa Meal, Charcoal and Ground Screenings.
G—Also detected Alfalfa Meal.
H—Also detected Ground Oats.

MANUFACTURER AND ADDRESS	NAME OF FEED
Albert Dickinson Co., Chicago, Ill. (Cont.)	‡Dickinson's Globe Chick Scratch
" "	‡Dickinson's Globe Poultry Scratch
" "	‡Rival Poultry Scratch
Dietrich & Gambrill, Inc., Frederick, Md.	Gambrill's High Protein Dairy Feed
" " "	Frederick Dairy Feed
" " "	Frederick Dairy Feed
" " "	Gambrill's A. 1. Dairy Feed
" " "	Gambrill's 16% Dairy Feed
" " "	‡All Mash Laying Ration
" " "	Frederick Laying Mash
" " "	Gambrill's Laying Mash, with Cod Liver Oil
" " "	Gambrill's Laying Mash
" " "	Gambrill's Laying Mash
" " "	Gambrill's Growing Mash
" " "	Gambrill's Growing Mash
" " "	Gambrill's Fattening Mash
" " "	D. & G. Breeder Mash
" " "	Frederick Horse Feed
" " "	Gambrill's Horse Feed
" " "	*Gambrill's Horse Feed
" " "	Pen Mar Mixed Grains
" " "	Corn Feed Meal
" " "	Frederick Chick Feed
" " "	Gambrill's Chick Feed
" " "	Gambrill's Chick Starter
" " "	Canton Scratch Feed
" " "	Gambrill's Developing Scratch
" " "	Gambrill's Scratch Feed
" " "	Gambrill's Scratch Feed
" " "	Gambrill's Pigeon Feed
" " "	‡D. & G. Pellets Rabbit Feed
William H. Dolbey, White Haven, Md.	Pure Wheat Bran
" " "	*Pure Wheat Middlings
Donahue Stratton Co., Milwaukee, Wis.	Hiquality Malt Sprouts
Doughnut Corp. of America, Ellicott City, Md.	‡Domaco Pure Winter Wheat Bran
	‡Domaco Mill Feed, with Mill Run Screenings
Dried Grains Corp., Baltimore, Md.	Gra-Co
" "	‡Gra-Co
Dryden Milling Co., Pocomoke City, Md.	Dryden's Laying Mash
" " "	Dryden's All Mash
" " "	Dryden's Growing Mash
" " "	Dryden's Starting Feed
" " "	Dryden's Scratch Feed
Duluth Superior Milling Division of Standard Milling Co., Minneapolis, Minn.	Duluth Imperial Wheat Bran, with Ground Screenings N. Ex. M. R.
" " "	Wheat Flour Middlings, with M. R. S.

‡ Not Licensed at time of Sale.
* Means deficient in Protein or Fat.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Fullerton	10.19	10.00	**10.35**	2.50	**2.57**	3.75	**1.70**	2.12	73.07	As declared on sack
Fullerton	9.95	10.00	**10.53**	2.50	**2.66**	3.75	**2.75**	1.74	72.37	" "
Fullerton	9.69	10.00	**10.09**	2.50	**2.88**	5.00	**2.37**	2.51	72.46	" "
Sykesville	8.04	32.00	**33.74**	5.00	**5.63**	9.00	**7.98**	6.59	38.02	" "
Baltimore	10.75	24.00	**23.64**	4.00	**4.62**	12.00	**9.76**	6.66	44.57	" "
Laurel	9.82	24.00	**24.11**	4.00	**4.81**	12.00	**9.16**	6.69	45.41	" "
Boyds	9.46	24.00	**24.08**	4.60	**4.59**	9.00	**8.14**	6.39	47.34	" "
Baltimore	10.53	16.00	**17.82**	3.50	**3.50**	12.00	**12.69**	7.65	47.81	" "
Ellicott City	7.70	15.00	**17.72**	4.50	**5.57**	6.00	**6.07**	6.83	56.11	" "
Hyattsville	11.35	18.00	**20.80**	3.50	**3.49**	8.00	**8.07**	7.66	48.63	" "
Laurel	9.34	20.00	**22.99**	5.00	**5.67**	7.00	**5.85**	8.82	47.33	" "
Baltimore	8.79	20.00	**22.90**	5.00	**5.52**	7.00	**6.16**	8.93	47.70	As declared on sack
Berwyn	10.31	20.00	**22.29**	5.00	**5.22**	7.00	**5.99**	8.03	48.16	" "
Baltimore	7.84	18.00	**20.53**	4.00	**6.04**	7.00	**4.62**	6.90	54.07	" "
Laurel	9.64	18.00	**19.92**	4.00	**6.32**	7.00	**5.55**	7.19	51.38	" "
Baltimore	9.22	14.00	**17.64**	4.80	**5.79**	5.00	**4.24**	6.78	56.33	" "
Ellicott City	7.41	19.00	**23.08**	5.00	**5.92**	9.00	**1.28**	8.70	53.61	" "
Baltimore	9.28	7.00	**8.66**	2.00	**2.53**	12.00	**8.95**	4.07	66.51	" "
Baltimore	8.44	10.00	**10.15**	3.50	**3.20**	12.00	**4.95**	2.67	70.59	" "
Laurel	11.01	10.00	**10.19**	3.50	**2.91**	12.00	**5.39**	2.72	67.78	" "
Berwyn	12.47	10.00	**10.18**	3.00	**2.59**	3.00	**2.11**	1.30	71.35	A.
Laurel	11.81	8.00	**10.71**	3.00	**7.19**	5.00	**3.88**	2.30	64.11	As declared on sack
Baltimore	11.98	10.00	**10.79**	2.50	**4.27**	3.00	**1.97**	2.26	68.73	" "
Laurel	10.25	10.00	**10.27**	2.50	**3.15**	3.00	**1.72**	1.74	72.87	" "
Laurel	10.19	16.00	**21.15**	4.00	**5.78**	4.50	**3.93**	8.10	50.85	" "
Baltimore	11.15	10.00	**9.57**	2.50	**2.49**	4.00	**1.85**	1.60	73.34	" "
Baltimore	10.81	10.00	**10.71**	2.50	**3.88**	3.00	**1.88**	1.60	71.12	B.
Baltimore	11.21	10.00	**10.00**	2.50	**2.30**	4.00	**2.14**	1.48	72.87	As declared on sack
Berwyn	12.69	10.00	**10.27**	2.50	**2.56**	4.00	**3.36**	1.35	69.77	" "
Baltimore	11.26	13.00	**13.60**	3.00	**3.10**	4.00	**2.94**	2.14	66.96	" "
Sykesville	8.58	14.00	**14.48**	5.00	**4.67**	7.00	**5.85**	6.82	59.60	" "
White Haven	8.71	13.00	**15.09**	3.50	**3.30**	10.00	**7.88**	4.58	60.44	" "
White Haven	11.07	13.00	**12.81**	3.50	**2.31**	8.00	**2.09**	2.02	69.70	" "
Middleburg	6.02	24.00	**27.47**	1.50	**1.35**	14.00	**12.65**	7.37	45.14	" "
Annapolis	7.80	14.50	**14.92**	4.00	**4.54**	9.50	**10.29**	7.38	55.07	" "
Annapolis	8.50	14.00	**15.27**	4.00	**4.31**	8.00	**9.47**	6.06	56.39	" "
Westminster	7.37	17.00	**17.38**	6.00	**7.57**	17.00	**15.50**	2.25	49.93	As declared on sack
Cardiff	6.92	17.00	**17.38**	6.00	**5.65**	17.00	**15.36**	1.80	52.89	" "
PocomokeC'y	9.70	18.00	**19.66**	4.50	**5.10**	8.00	**8.06**	7.45	50.03	" "
PocomokeC'y	8.37	18.00	**18.25**	3.75	**4.22**	5.00	**3.73**	8.83	56.60	" "
PocomokeC'y	8.80	16.00	**17.02**	3.50	**4.47**	5.00	**4.86**	7.34	57.51	" "
PocomokeC'y	7.26	15.50	**17.11**	3.00	**4.98**	5.50	**6.57**	7.40	56.68	" "
PocomokeC'y	10.51	10.00	**9.83**	2.50	**3.38**	4.00	**2.52**	1.56	72.20	" "
Baltimore	9.93	15.00	**17.64**	3.75	**4.98**	13.00	**9.33**	5.98	52.14	" "
Mt. Lake Pk.	11.38	15.00	**16.94**	4.00	**4.02**	6.00	**3.37**	2.90	61.39	" "

A—Fat guarantee on sack differs from license.
B—Unable to detect Oat Groats.

MANUFACTURER AND ADDRESS	NAME OF FEED
Ezl. Dunwoody Co., Philadelphia, Pa.	*"Super X" Menhaden Fish Meal
" "	‡"Super X" Soyabean Meal
" "	"Super X" Soyabean Meal
Eagle Mills, Pocomoke City, Md.	Drydens Pure Menhaden Fish Meal
" " "	R. C. D. Laying Mash, with BM
" " "	R. C. D. Growing Mash
" " "	Old Virginia Broiler Ration
" " "	Drydens Hog Meal
" " "	*Pure Wheat Bran
" " "	Pure Wheat Middlings
" " "	Drydens Chick Starter
" " "	Eagle Brand Scratch Feed
" " "	Turkey Trot Starter and Grower
Eagle Roller Mill Co., New Ulm, Minn.	‡Rye Middlings
Early & Daniel Co., Cincinnati, Ohio	Tuxedo Dairy 24%
" "	Tuxedo Dairy 20%
" "	‡Tuxedo All Mash
" "	Tuxedo Egg Mash
" "	Tuxedo Poultry Fattener
" "	Tuxedo Broiler Mash
" "	Tuxedo Chop
" "	‡Tuxedo Alfalfa and Molasses Feed
" "	Cincy Sweet Stock Feed
" "	Tuxedo Bulky Feed
" "	Tuxedo Pig Meal
" "	Tuxedo Calf Meal
" "	‡Tuxedo Starting Mash, with BM. and Cod Liver Oil
" "	‡Tuxedo Chick
" "	Cincy Scratch
" "	Tuxedo Pigeon Feed
" "	Tuxedo Turkey All Mash
East Coast Trading Co., Baltimore, Md.	Oberco 50% Meat and Bone Scrap
" " "	Oberco 50% Meat and Bone Scrap
" " "	*Oberco 50% Meat and Bone Scrap
" " "	Oberco 50% Meat and Bone Scrap
" " "	Oberco 45% Meat and Bone Scrap
" " "	Oberco 45% Meat and Bone Scrap
" " "	East Coast Fish Meal
" " "	East Coast Fish Meal
" " "	East Coast Fish Meal
Eastern Cotton Oil Co., Norfolk, Va.	‡Dutch Maid Cotton Seed Meal
Eastern Grain Growers, Hagerstown, Md.	*Magic Dairy Feed
" "	Magic Poultry Mash
" "	Magic Hog Ration
" "	Magic Scratch Feed

‡ Not Licensed at time of Sale.
* Means deficient in Protein or Fat.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Cambridge	7 .16	55 .00	44 .34	5 .00	5 .08	3 .00	6 .28	33 .55	3 .59	A.
Cambridge	6 .73	42 .00	48 .62	4 .00	5 .56	5 .00	6 .03	6 .96	26 .10	As declared on sack
Cambridge	8 .07	42 .00	41 .94	4 .00	6 .93	5 .00	4 .31	7 .04	31 .71	" "
PocomokeC'y	6 .21	55 .00	57 .39	7 .00	9 .43	3 .00	.97	19 .64	6 .36	" "
PocomokeC'y	7 .93	20 .00	21 .76	5 .00	5 .31	9 .00	7 .53	9 .15	48 .32	B.
PocomokeC'y	9 .70	16 .00	17 .64	4 .00	4 .42	7 .00	3 .50	7 .26	57 .48	As declared on sack
PocomokeC'y	8 .65	16 .00	18 .08	5 .00	4 .74	6 .00	5 .46	7 .90	55 .17	" "
PocomokeC'y	8 .72	18 .00	17 .99	4 .00	4 .52	7 .00	5 .29	7 .86	55 .62	C.
PocomokeC'y	7 .55	13 .00	14 .22	4 .40	3 .64	9 .80	9 .47	6 .12	59 .00	As declared on sack
PocomokeC'y	9 .77	14 .00	16 .58	3 .50	5 .24	5 .00	3 .62	3 .54	61 .25	" "
PocomokeC'y	8 .14	16 .00	18 .08	4 .50	4 .86	6 .00	4 .92	6 .30	57 .70	D.
PocomokeC'y	9 .98	10 .00	10 .18	3 .00	3 .07	5 .00	2 .35	1 .40	73 .02	As declared on sack
PocomokeC'y	10 .82	19 .00	20 .88	4 .50	4 .29	7 .00	6 .58	9 .60	47 .83	As declared on sack
Baltimore.....	8 .98	15 .00	16 .41	3 .00	3 .62	9 .50	6 .22	4 .60	60 .17	E.
Lonaconing....	10 .20	24 .00	25 .47	4 .00	4 .58	9 .00	7 .78	6 .57	45 .40	As declared on sack
Frostburg.....	9 .80	20 .00	20 .12	3 .50	4 .72	12 .00	8 .14	7 .73	49 .49	F.
Frostburg.....	8 .01	15 .00	16 .55	4 .00	5 .10	6 .00	6 .44	7 .30	56 .60	As declared on sack
Lonaconing....	10 .98	18 .00	18 .80	4 .00	4 .20	7 .50	5 .32	6 .33	54 .37	" "
Mt. Lake Pk.	9 .30	14 .00	14 .95	4 .50	5 .93	6 .00	4 .96	5 .13	59 .73	D.
Lonaconing....	8 .95	15 .50	17 .41	6 .00	5 .94	6 .00	4 .91	4 .76	58 .03	As declared on sack
Mt. Lake Pk.	9 .88	9 .50	11 .83	3 .00	3 .45	9 .00	5 .74	3 .64	65 .46	" "
Snow Hill.....	10 .59	11 .00	12 .24	1 .00	1 .50	27 .00	20 .98	8 .62	46 .07	" "
Frostburg.....	10 .99	9 .00	10 .35	3 .50	3 .20	11 .00	8 .34	8 .31	58 .81	" "
Lonaconing....	10 .15	10 .00	11 .46	2 .00	2 .60	17 .00	13 .21	7 .94	54 .64	" "
Frostburg.....	8 .67	14 .50	16 .02	4 .50	4 .56	7 .00	5 .24	5 .72	59 .79	" "
Frostburg.....	7 .98	24 .00	25 .72	3 .50	4 .68	6 .50	5 .37	5 .26	50 .99	G.
Cumberland	9 .28	20 .00	21 .97	3 .75	5 .09	5 .00	4 .12	8 .04	51 .50	G.
Lonaconing....	9 .71	10 .00	11 .58	2 .50	2 .50	3 .50	2 .16	2 .21	71 .85	" "
Lonaconing....	10 .36	9 .00	9 .83	3 .00	3 .33	5 .00	2 .38	1 .96	72 .14	" "
Lonaconing....	9 .19	12 .50	14 .04	2 .50	2 .60	4 .00	3 .05	1 .03	70 .09	" "
Snow Hill.....	9 .25	21 .00	22 .10	5 .00	4 .83	5 .00	4 .18	7 .58	52 .07	" "
Hampstead....	5 .25	50 .00	49 .76	8 .00	9 .34	3 .00	2 .31	26 .02	7 .32	As declared on sack
Chestertown..	4 .72	50 .00	49 .84	8 .00	14 .70	3 .00	2 .34	26 .23	2 .17	" "
Owings Mills	5 .11	50 .00	48 .53	8 .00	14 .30	3 .00	2 .11	25 .93	4 .02	" "
Chestertown..	5 .98	50 .00	49 .67	8 .00	13 .45	3 .00	2 .51	26 .36	2 .03	" "
Denton.....	5 .59	45 .00	47 .21	8 .00	14 .99	3 .00	3 .27	27 .48	1 .46	" "
Cambridge	5 .05	45 .00	45 .02	8 .00	14 .71	3 .00	2 .35	29 .57	3 .30	" "
Linwood.....	7 .06	55 .00	59 .85	5 .00	10 .07	1 .00	.56	17 .98	4 .48	H.
Linwood.....	6 .83	55 .00	57 .74	5 .00	8 .36	2 .00	.87	21 .93	4 .27	As declared on sack
Owings Mills	7 .57	55 .00	59 .15	5 .00	10 .10	2 .00	.47	17 .56	5 .15	" "
Gaithersburg	6 .64	41 .00	41 .68	5 .50	6 .75	10 .00	9 .74	6 .66	28 .53	" "
Hagerstown ..	10 .51	16 .50	15 .31	3 .50	5 .13	12 .00	10 .68	7 .34	51 .03	I.
Hagerstown ..	8 .32	16 .00	20 .97	4 .00	4 .00	6 .00	5 .49	8 .83	52 .39	As declared on sack
Hagerstown ..	9 .79	20 .00	21 .15	5 .00	4 .73	5 .00	5 .02	8 .18	51 .13	" "
Hagerstown ..	10 .20	9 .00	10 .27	2 .50	2 .14	5 .00	2 .34	1 .70	73 .35	J.

A—Products contains a large amount of Shell Fish Meal.
B—Fibre guarantee on sack differs from license.
C—Ingredients on sack differ from license. Also detected Ground Soy Beans.
D—Ingredients on sack differ from license.
E—Also detected at least 3% Screenings by Mechanical Separation.
F—Also detected Whole Weed Seed.
D—Ingredients on sack differ from license.
G—Fat guarantee on sack differs from license.
H—Fibre guarantee on sack differs from license.
I—Also detected Corn Gluten Feed, Dried Brewers Grains, Whole Weed Seed, Corn and Cob meal.
J—Also detected Barley.

MANUFACTURER AND ADDRESS	NAME OF FEED
Eastern Service Corporation, Cambridge, Md.	No. 1 Egg Mash
	Growing Mash
Eastern States Farmers' Exchange, Springfield, Mass.	E. S. Producer Mash
" " "	‡E. S. Controller Mash
" " "	E. S. Starting and Broiler Ration
" " "	‡E. S. Fattener Mash
" " "	‡E. S. Intermediate Scratch Grains
" " "	E. S. Scratch Grains 1931
Easton Milling Co., Easton, Md.	Talbot Dairy Supplement
" " "	Talbot Dairy
" " "	Talbot Laying Mash, with Dried Milk
" " "	Pasture Feed
" " "	Pure Wheat Bran
" " "	Pure Wheat Middlings
" " "	Pure Corn Meal
" " "	Talbot All Mash Starting and Growing, with DBM
" " "	Talbot Scratch Feed
W. T. Eddington & Son, Federalsburg, Md.	‡Eddington's Best Laying Mash
" "	‡Eddington's Best Growing Mash
" "	‡Pure Wheat Bran
" "	‡*Pure Wheat Middlings
Edwards Distributing Co., Baltimore, Md.	Pure Ground Fish Meal
Egg-O-Milk Co., Baltimore, Md.	‡Egg-O-Milk
Eisemann & Co., Inc., Galveston, Texas	Eisen Brand 41% Prime Cottonseed Meal
Englar & Sponseller, Westminster, Md.	"Meadow-Brook" Dairy Feed
" "	"Meadow-Brook" Laying Mash
" "	Pure Wheat Bran
" "	Wheat Middlings, with M. R. S.
Enterprise Tallow & Grease Co., Philadelphia, Pa.	Del-Mar-Va Brand Meat and Bone Scrap
" "	Del-Mar-Va Brand Meat and Bone Scrap
" "	Del-Mar-Va Brand Meat and Bone Scrap
" "	Del-Mar-Va Brand Meat and Bone Scrap
" "	Del-Mar-Va Brand Meat and Bone Scrap
" "	Del-Mar-Va Brand Meat and Bone Scrap
John W. Eshelman & Sons, Lancaster, Pa.	Eshelman 32% Mixing Ration
" " "	Eshelman Red Rose 24 Dairy Feed
" " "	Eshelman Red Rose 24 Dairy Feed
" " "	Eshelman Challenge Dairy Feed
" " "	Eshelman Conestoga 20 Dairy Feed
" " "	Eshelman Lancaster 20 Dairy Feed
" " "	Eshelman Pennsy 16 Dairy Feed
" " "	Eshelman Pennsy Laying Mash

‡ Not Licensed at time of Sale.
* Means deficient in Protein or Fat.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Cambridge	6.89	18.50	20.80	4.00	7.55	7.50	6.72	13.08	44.96	As declared on sack
Cambridge	7.55	17.00	20.53	4.00	6.81	7.00	6.87	12.94	45.30	" "
Salisbury	9.68	17.00	17.72	4.00	5.44	6.50	5.71	7.84	53.61	As declared on sack
Salisbury	7.67	18.50	20.53	2.50	3.35	4.00	2.40	6.67	59.38	" "
Salisbury	8.90	18.50	19.66	4.00	5.03	5.00	4.84	7.76	53.81	" "
Salisbury	8.78	14.50	16.58	4.50	4.51	4.50	4.87	2.51	62.75	" "
Salisbury	10.42	9.50	10.53	2.00	2.54	3.00	2.01	1.56	72.94	" "
Salisbury	11.44	9.50	10.09	2.50	2.90	3.00	2.29	1.72	71.56	" "
Easton	8.56	32.00	32.34	4.50	4.82	9.00	6.76	8.55	38.97	A.
Easton	10.55	20.00	19.42	4.00	3.58	8.00	5.74	6.32	54.39	B.
Easton	9.98	19.00	19.80	4.50	4.56	8.00	4.64	10.26	50.76	C.
Easton	10.57	16.00	17.09	3.00	3.74	10.00	8.19	7.98	52.43	D.
Easton	8.09	13.00	14.57	3.50	3.53	10.00	9.31	6.63	57.87	As declared on sack
Easton	11.57	12.00	13.43	2.50	2.94	3.00	1.93	2.18	67.95	" "
Easton	11.19	9.00	9.30	4.00	4.52	3.00	1.10	1.60	72.29	" "
Easton	9.62	17.00	17.72	4.50	4.00	6.00	5.14	7.92	55.60	E.
Easton	10.54	9.00	10.79	3.00	3.33	4.00	2.97	1.96	70.41	D.
Federalsburg	9.38	20.71	17.64	5.80	4.00	5.48	5.81	12.50	50.67	F.
Federalsburg	8.69	20.00	16.85	5.00	3.99	6.50	4.77	11.26	54.44	H.
Federalsburg	8.23	14.00	14.74	4.00	3.85	11.00	8.93	6.22	58.03	As declared on sack
Federalsburg	12.33	14.00	15.36	4.00	2.59	6.00	6.21	1.56	61.95	" "
Hagerstown	6.64	58.00	57.57	4.00	10.65	1.75	1.28	19.84	4.02	As declared on sack
Walkersville	9.98	15.00	17.90	3.00	2.63	2.00	1.03	2.18	66.28	I.
Baltimore	6.81	41.00	41.86	5.00	6.44	14.00	11.41	5.88	27.60	As declared on sack
Westminster	9.51	24.00	25.10	4.50	4.63	12.00	9.26	5.46	46.04	" "
Westminster	7.40	20.45	22.38	5.50	5.27	10.45	8.27	8.10	48.58	J.
Westminster	8.25	15.50	15.01	3.28	3.52	10.27	10.74	7.62	54.86	" "
Westminster	9.75	16.00	16.50	4.00	4.81	6.00	4.79	4.32	59.83	" "
Berlin	5.90	50.00	49.67	10.00	13.47	2.00	2.36	28.48	.12	" "
Berlin	5.30	50.00	50.99	10.00	13.64	2.00	1.96	28.05	.06	" "
Salisbury	5.36	45.00	45.02	10.00	13.65	2.00	1.98	32.04	1.95	" "
Cambridge	4.80	45.00	44.93	10.00	16.42	2.00	1.93	30.56	1.36	" "
Snow Hill	6.19	45.00	47.04	10.00	10.96	2.00	2.24	30.03	3.54	" "
Cambridge	5.36	45.00	45.19	10.00	13.13	2.00	1.81	31.12	3.39	K.
Reisterstown	8.46	32.00	32.05	4.50	4.71	9.00	7.03	8.98	38.77	As declared on sack
Baltimore	8.68	24.00	24.02	4.00	4.64	11.00	7.61	8.16	46.89	" "
Bel Air	9.67	24.00	26.14	4.00	4.59	11.00	7.83	8.11	43.66	" "
Friendsville	9.24	24.00	24.02	4.00	4.29	11.00	8.85	6.51	47.09	" "
Bel Air	10.79	20.00	20.53	4.00	5.20	11.00	8.51	8.54	46.43	L.
St. Michaels	9.30	20.00	20.79	4.00	4.64	11.00	8.67	7.20	49.40	As declared on sack
St. Michaels	10.29	16.00	17.67	3.00	4.14	11.00	9.85	8.76	49.29	" "
Darlington	7.29	18.00	20.45	5.00	5.56	8.00	7.07	9.47	50.16	" "

A—Fibre guarantee on sack differs from license.
B—Ingredients on sack differ from license. Unable to detect Brewers Grains.
C—Ingredients on sack differ from license. Also detected Linseed Oil Meal and Ground Barley.
D—Ingredients on sack differ from license.
E—Protein guarantee on sack differs from license.
F—Protein and Fibre guarantee on sack differ from license.
H—Protein Fat and Fibre guarantee Ingredients on sack differ from license.
I—Ingredients do not correspond with license—Product contains large amount of Starch mostly Wheat and a small amount of Corn Starch. Contains only a small amount of DBM. and DSM.
J—Also detected Whole and Broken Grains of Wheat and Cockle in an appreciable amount.
K—Excessive amount of Hair and or Wool present.
L—Also detected Whole Weed Seed.

MANUFACTURER AND ADDRESS	NAME OF FEED
John W. Eshelman & Sons, Lancaster, Pa. (Continued)	Eshelman Red Rose Laying Mash, with Cod Liver Oil
" " "	Eshelman Red Rose Laying Mash
" " "	Eshelman Red Rose Growing Mash, with Cod Liver Oil
" " "	‡Eshelman Garden Spot Horse Feed
" " "	‡Oat Feed and Molasses
" " "	Eshelman S-O-S
" " "	Eshelman Red Rose Alfalfa Meal
" " "	Eshelman Lancaster 60 Horse Feed
" " "	Eshelman Red Rose 85 Horse Feed
" " "	Eshelman Red Rose Stock Feed
" " "	Eshelman Red Rose Hog Meal
" " "	Eshelman Red Rose Calf Starter
" " "	Ground Rye
" " "	Eshelman Red Rose Corn Feed Meal
" " "	Eshelman Red Rose Steel Cut Corn
" " "	Eshelman Red Rose Flaked Feed
" " "	Eshelman Red Rose Pulverized Oats
" " "	Eshelman Red Rose All Mash Starter
" " "	Eshelman Red Rose Chick Starter
" " "	Eshelman Red Rose Chick Starter
" " "	Eshelman Pennsy Chick Grains
" " "	Eshelman Red Rose Chick Grains
" " "	Eshelman Red Rose IntermediateChickGrains
" " "	Eshelman Lancaster Scratch Grains
" " "	Eshelman Pennsy Scratch Grains
" " "	Eshelman Red Rose Scratch Grains
" " "	Eshelman Lancaster Pigeon Feed
" " "	Eshelman Red Rose Pigeon Feed
" " "	Eshelman Red Rose Rabbit Feed
Evans Milling Co., Indianapolis, Ind.	‡Evans 41% Soy Bean Cake Meal
Fairmont Creamery Co., Omaha, Neb.	Fairmont's Better Pure Flaked Buttermilk
Fairchild Milling Co., Cleveland, Ohio	Wheat Bran, with G. S. N. Ex. M. R.
" " "	Standard Middlings, with G. S. N. Ex. M. R.
" " "	Standard Middlings, with G. S. N. Ex. M. R.
Farmers Cooperative Association, Inc., Frederick, Md.	28% Special
" "	Laying Mash
" "	Growing Mash
	Starting Mash
Farmers Feed Co., New York, N. Y.	"Bull Brand" Dried Brewers Grains
Farmers Fertilizer & Feed Co., Westminster, Md.	Farmers 24% Dairy Feed
" "	Farmers Favorite Laying Mash
" "	‡Farmers Favorite Growing Mash
" "	Farmers Favorite Pig Meal
" "	Farmers Favorite Developer Feed
	‡Farmers Favorite Chick Starter

‡ Not Licensed at time of Sale.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS	
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND				
Baltimore	7.29	20.00	21.59	5.00	5.89	7.00	7.01	8.57	49.65	As declared on sack	
Reisterstown	8.56	20.00	20.45	5.00	5.15	7.00	6.72	8.08	51.04	"	"
Baltimore	7.48	16.00	16.76	4.00	5.52	7.00	6.60	6.55	57.09	"	"
Salisbury	10.67	7.00	8.45	2.00	2.71	11.00	9.66	5.95	62.56	"	"
Taneytown	9.31	3.00	5.05	1.00	.65	25.00	24.35	6.78	53.86	"	"
Bel Air	11.41	11.00	12.76	2.00	2.55	15.00	15.75	9.46	48.07	"	"
Taneytown	8.31	13.00	13.16	1.50	1.70	33.00	34.52	6.10	36.21	"	"
St. Michaels	10.57	9.00	10.11	2.50	2.89	11.00	9.75	4.81	61.87	"	"
Baltimore	11.09	9.00	10.27	3.00	2.69	10.00	7.20	3.51	65.24	"	"
Friendsville	8.67	9.00	9.21	3.00	4.17	11.00	13.35	5.12	59.48	"	"
New Windsor	8.26	16.00	18.78	5.00	4.80	10.00	8.66	9.00	50.50	"	"
Bel Air	8.80	20.00	21.94	3.00	4.43	5.00	5.36	6.04	53.43	"	"
Baltimore	9.59	10.00	10.71	2.00	1.67	4.00	2.36	2.07	73.60	"	"
Bel Air	11.84	8.00	10.53	3.00	4.54	4.00	2.83	1.19	69.07	"	"
Mardela Spgs	11.75	8.00	9.65	3.00	4.51	4.00	2.89	1.70	69.50	"	"
Baltimore	9.07	10.00	10.18	2.50	3.16	11.00	5.22	2.32	70.05	"	"
Westover	7.73	10.00	12.46	3.50	4.18	12.00	10.71	3.66	61.26	"	"
Bel Air	6.72	16.00	17.55	4.00	4.85	6.50	5.04	8.94	56.90	"	"
Baltimore	7.39	15.00	16.32	4.00	4.56	6.00	4.92	7.51	59.30	"	"
Bel Air	6.94	15.00	15.71	4.00	4.57	6.00	4.91	7.44	60.43	"	"
Baltimore	8.85	9.00	11.85	3.00	4.74	3.00	2.10	1.80	70.66	"	"
Baltimore	9.26	10.00	11.38	3.00	3.25	3.00	1.86	1.76	72.49	"	"
Baltimore	9.49	10.00	10.53	3.00	3.90	3.00	1.90	1.54	72.64	"	"
Baltimore	10.26	9.00	10.00	2.50	2.30	4.00	2.55	1.35	73.55	"	"
Bel Air	10.04	9.00	10.27	2.50	2.58	4.00	3.09	1.43	72.59	"	"
Reisterstown	9.66	10.00	10.27	2.50	2.62	4.00	2.75	1.67	73.03	"	"
Elkton	11.24	12.00	13.51	3.00	3.62	4.00	3.73	1.52	66.38	"	"
Bel Air	9.90	12.00	14.92	3.00	3.44	4.00	4.06	3.12	64.56	"	"
Bel Air	8.08	14.00	14.83	3.50	4.73	9.50	5.98	5.70	60.68	"	"
Hagerstown	6.20	41.00	43.26	5.00	5.65	7.00	5.68	6.07	33.14	As declared on sack	
Mt. Airy	.....	32.00	35.10	6.00	x7.08	.....	.....	12.40	.....	"	"
Laurel	10.81	14.00	17.02	3.50	4.45	12.00	10.28	6.40	51.04	"	"
Baltimore	9.00	16.00	17.90	4.00	5.01	9.50	7.29	5.03	55.77	"	"
Laurel	10.84	16.00	19.04	4.00	4.66	9.50	7.28	4.74	53.44	"	"
Frederick	8.26	28.00	30.71	4.00	3.96	10.00	9.13	6.27	41.67	"	"
Frederick	8.90	20.00	23.08	4.00	5.12	7.00	5.08	7.73	50.09	"	"
Frederick	9.99	18.00	18.43	4.00	4.65	8.00	6.36	5.36	55.21	"	"
Frederick	8.80	17.00	21.06	4.00	5.01	6.50	4.60	7.00	53.53	"	"
Baltimore	6.73	24.00	29.05	6.00	6.27	17.00	14.52	3.46	39.97	"	"
Westminster	6.93	24.00	25.80	4.00	3.93	12.00	10.78	7.84	44.72	A.	
Westminster	8.49	20.00	21.24	4.50	4.05	10.00	9.24	8.05	48.93	As declared on sack	
Westminster	7.94	17.00	18.43	4.00	3.88	6.50	6.32	6.06	57.37	"	"
Westminster	9.56	18.00	21.06	5.00	4.79	10.00	5.91	7.54	51.14	"	"
Westminster	11.07	10.00	10.18	2.50	3.33	2.00	1.94	1.64	71.84	"	"
Westminster	8.74	15.00	18.52	3.80	4.37	5.00	5.60	6.17	56.60	"	"

A—Also detected Minerals.
X—Fat as determined by the Roese-Gottlieb Method.

MANUFACTURER AND ADDRESS	NAME OF FEED
Farmers Fertilizer & Feed Co., Westminster, Md. (Cont.)	Farmers Favorite Scratch Feed
Farmers Service Bureau, Baltimore, Md.	‡*Dried Grains, with Molasses
Farm Service Stores, Inc., Baltimore, Md.	Farm-A-Serv Horse Feed
" " "	Farm-A-Serv Scratch Feed
Farmers Supply Co., Denton, Md.	Fasuco Laying Mash
" " "	Fasuco Hog Feed
Farmers Supply Co., Walkersville, Md.	Hog Feed
Federal Milling Co., Hagerstown, Md.	‡*Federal Stock Feed
" "	‡*Federal Grow Big Hog Feed
" "	‡Federal Pure Wheat Bran
" "	‡Federal Fancy Wheat Middlings, with Screen N. Ex. M. R.
" "	Federal Special Scratch Feed
" "	‡Federal Special Scratch Feed
" "	‡Federal Pigeon Feed
Feed-Mor Products Co., Westminster, Md.	Meat Meal
" " "	Meat Meal
" " "	Meat Meal
Felton & Kelly, Frederick, Md.	Pure Wheat Bran
" "	Wheat Middlings
" "	Corn Bran
Fernando Valley Milling & Supply Co., Los Angeles, Calif.	Alfalfa Leaf Meal
" "	Fernando Ideal Greens Sun-Cured
" "	*Fernando Ideal Greens Sun-Cured
	Fernando Rabbit Pellets
Freihofer Flour Mills, Philadelphia, Pa.	Hard Wheat Standard Middlings, with M.R.S.
Fruen Milling Co., Minneapolis, Minn.	*Minnesota Fine Ground Feeding Oat Meal
" "	‡Minnesota Fine Ground Feeding Oatmeal
	‡Minnesota Fine Ground Feeding Oatmeal
J. W. Frush, Millers, Md.	Pure Wheat Bran
" "	Pure Wheat Middlings
Fullerton Supply Co., Overlea, Md.	Fullerton's Laying Mash
" " "	Fullerton's Starting and Growing Mash
" " "	*Fullerton's Poultry Scratch
Galestown Milling Co., Galestown, Md.	‡Pure Wheat Bran
" "	‡Pure Wheat Middlings
" "	‡G. M. C. Scratch Feed
Gall & Smith, Thurmont, Md.	G. & S. Laying Mash

‡ Net Licensed at time of Sale.
* Means deficient in Protein or Fat.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Westminster	11.72	10.00	10.00	3.00	2.80	4.00	2.60	1.60	71.28	As declared on sack
Aldino	8.00	12.00	12.63	5.00	3.54	18.00	16.44	4.20	55.19	" "
Baltimore	10.49	10.00	11.29	3.00	3.75	12.00	8.02	3.93	62.52	As declared on sack
Baltimore	8.29	10.00	9.48	2.00	3.32	3.50	3.23	1.43	74.25	" "
Denton	7.91	20.00	20.62	5.00	6.19	8.00	5.48	10.03	49.77	" "
Denton	9.21	15.00	16.50	4.00	5.20	7.00	4.73	8.50	55.86	" "
Walkersville	10.81	15.00	17.76	4.00	4.00	4.50	6.73	6.21	54.49	" "
Hagerstown	8.25	10.00	10.35	5.00	3.64	9.00	8.40	5.13	64.23	" "
Hagerstown	8.75	14.50	15.53	4.50	3.85	8.00	4.68	5.50	61.69	A.
Hagerstown	8.18	15.00	16.41	4.00	3.95	9.50	10.29	6.71	54.46	As declared on sack
Hagerstown	9.96	15.50	15.80	4.00	4.56	6.00	4.61	3.76	61.31	" "
Cumberland	10.12	10.00	10.71	2.50	2.78	5.00	3.22	1.06	72.11	" "
Hagerstown	10.35	10.00	10.18	2.50	2.87	5.00	2.72	1.47	72.41	B.
Hagerstown	8.81	10.00	16.32	2.50	2.61	6.50	3.80	2.02	66.44	As declared on sack
Motters	6.65	55.00	57.04	5.00	11.37	4.00	1.11	22.48	1.35	" "
Westminster	6.47	55.00	56.08	5.00	12.36	4.00	.98	22.68	1.43	" "
Frederick	6.63	55.00	56.86	5.00	12.24	4.00	.83	22.59	.85	" "
Frederick	8.89	13.00	16.23	3.00	3.76	10.00	8.49	6.27	56.36	" "
Frederick	9.90	14.00	17.81	2.00	4.39	5.00	4.13	3.72	60.05	" "
Frederick	8.94	8.00	8.71	3.00	3.69	12.00	12.18	1.96	64.52	" "
Cambridge	7.78	20.00	20.01	3.00	2.55	18.00	20.29	11.88	37.49	As declared on sack
Baltimore	9.99	20.00	19.74	3.00	2.63	18.00	22.15	10.87	34.62	" "
Baltimore	6.50	20.00	19.48	3.00	2.18	18.00	20.43	12.57	38.84	" "
Baltimore	7.50	12.00	12.11	2.00	2.74	20.00	21.20	7.90	48.55	As declared on sack
Baltimore	11.14	16.00	18.69	4.00	5.25	9.50	6.58	4.80	53.54	" "
Denton	9.76	15.00	17.90	5.00	4.28	3.90	3.70	2.80	61.56	" "
La Plata	10.18	15.00	15.53	5.00	4.86	3.90	3.82	2.12	63.49	" "
Baltimore	9.20	15.00	17.02	5.00	5.16	3.90	3.03	2.64	62.95	" "
Millers	10.11	13.00	14.65	3.50	4.06	8.00	9.76	6.41	55.01	" "
Millers	10.79	13.00	14.92	3.00	3.56	5.00	4.07	2.86	63.80	" "
Overlea	8.54	20.00	20.36	4.50	4.65	6.50	5.80	9.10	51.55	" "
Overlea	7.41	16.00	16.67	4.50	4.91	6.00	4.51	7.49	59.01	" "
Overlea	12.62	10.00	10.79	3.00	2.40	9.00	3.16	1.90	69.13	" "
Galestown	7.99	14.00	15.18	3.50	4.74	10.00	10.35	6.96	54.78	" "
Galestown	10.29	14.00	15.36	3.50	4.32	5.00	3.98	3.86	62.19	" "
Galestown	10.83	10.00	10.44	3.00	2.69	3.00	2.97	2.19	70.88	C.
Thurmont	9.62	20.00	21.76	4.00	4.35	10.00	4.69	8.15	51.43	As declared on sack

A—Unable to detect Linseed Oil Meal.
B—Also detected 1.88% Weed Seed.
C—Unable to detect Barley and Sunflower Seed—also detected Oats.

MANUFACTURER AND ADDRESS	NAME OF FEED
Gambrill Grain Products Co., Baltimore, Md.	Milkaid 24% Dairy Feed
" " "	Milkaid 24% Dairy Feed
" " "	Skor 20% Dairy Feed
" " "	Gambrill's Aliceanna Laying Mash
" " "	Hen-Lay Laying Mash
" " "	Gambrill's Aliceanna Growing Mash
" " "	Gammalt
" " "	G. Malt Flour
" " "	Gambrill's Corn Meal
" " "	Pure Rye Chop
Gardiner & Yowaiski Milling Co., Chaptico, Md.	Chaptico Laying Mash
" "	Superior Growing Mash, with Cod Liver Oil and DBM.
	Chaptico Scratch Grains
General Commodity Corp., Buffalo, N. Y.	Old Sol Dried Skimmilk
General Mills, Inc., Minneapolis, Minn.	Eventually Gold Medal Dairy Ration
" "	Eventually Gold Medal Dairy Ration
" "	Eventually Gold Medal Egg for Breeding and Laying, with DBM.
" "	Eventually Gold Medal Growing Mash, with DBM.
" "	Washburn's Gold Medal Hard Wheat Bran and Wheat Screenings
" "	Washburn's Gold Medal Pure Hard Wheat Adrian Red Dog
" "	Washburn's Gold Medal Hard Wheat Standard Middlings and Wheat Screenings
" "	Eventually Gold Medal Developing Feed—No Grit
" "	Eventually Gold Medal Chick Ration
" "	Eventually Gold Medal Chick Feed—No Grit
" "	Eventually Gold Medal Scratch Feed—No Grit
German Brewing Co., Cumberland, Md.	Brewers' Wet Grains
Glade Valley Milling Co., Walkersville, Md.	Gee Vee Dairy Feed
" " "	Gee Vee Laying Mash
" " "	Pure Winter Wheat Bran
	Winter Wheat Middlings, with M. R. S.
Great Atlantic & Pacific Tea Company, New York, N. Y.	Milky Way Dairy Feed 24%
" "	Milky Way Dairy Feed 20%
" "	Daily Milk Dairy Feed
" "	Special Daily Egg Mash Feed
	Daily Egg Scratch Feed
Green-Mish Co., Washington, D. C.	*Pure Distillers Grains

* Means deficient in Protein or Fat.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Baltimore	8.13	24.00	27.76	4.00	6.34	12.50	11.01	6.53	40.23	As declared on sack
Baltimore	8.77	24.00	24.51	4.00	6.04	12.50	12.58	5.73	42.37	" "
Baltimore	8.69	20.00	21.24	4.00	5.27	13.00	12.79	5.11	46.90	" "
Baltimore	8.14	20.00	21.94	3.50	5.70	8.00	5.84	7.77	50.61	" "
Baltimore	8.32	18.00	19.83	3.50	4.74	8.00	5.77	6.40	54.94	" "
Baltimore	8.12	16.00	19.22	4.00	5.86	7.00	4.94	9.00	52.86	" "
Baltimore	7.54	13.00	13.08	2.70	2.34	5.00	4.79	2.77	69.48	" "
Baltimore	7.64	12.50	16.67	2.00	3.45	9.00	9.77	3.62	58.85	" "
Baltimore	12.09	9.00	9.13	3.00	3.79	2.00	1.86	1.37	71.76	" "
Baltimore	10.02	10.50	12.72	1.50	2.14	2.00	2.57	2.10	70.45	" "
Chaptico	9.62	20.00	21.59	5.00	6.21	6.50	5.57	11.85	45.16	" "
Chaptico	9.40	17.00	18.25	4.25	5.32	5.00	5.16	9.24	52.63	" "
Chaptico	11.90	10.00	9.65	2.50	2.29	4.00	2.86	1.46	71.84	" "
Federalsburg	.....	32.00	35.45	.50	x1.56	.....	.....	8.06	.....	" "
Fullerton	8.95	20.00	21.06	4.50	4.60	8.50	8.79	8.77	47.83	" "
Grantsville	9.43	20.00	21.63	4.00	4.22	12.00	8.58	5.09	51.05	" "
Baltimore	7.94	19.00	20.18	5.00	5.03	8.00	6.97	11.10	48.78	" "
Fullerton	8.21	18.00	18.95	4.00	4.93	6.00	5.57	10.28	52.06	" "
Fullerton	7.40	14.00	17.55	4.00	4.69	12.00	9.71	6.77	53.88	
Fullerton	8.26	16.00	18.16	3.50	4.13	4.00	2.21	3.82	63.42	" "
Fullerton	8.03	15.00	17.99	4.00	4.98	9.50	7.55	5.00	56.45	As declared on sack
Fullerton	10.33	10.00	10.09	2.50	2.54	5.00	1.89	1.53	73.62	" "
Fullerton	7.52	15.50	17.38	4.00	5.14	6.00	5.02	8.43	56.51	" "
Fullerton	9.81	10.00	10.79	2.50	2.48	5.00	1.61	1.66	73.65	" "
Fullerton	9.59	10.00	10.83	3.00	2.86	4.00	2.30	1.61	72.81	" "
Cumberland	81.15	6.00	6.39	1.50	1.56	5.00	2.77	.75	7.38	" "
Middletown	7.77	20.00	21.94	3.00	3.93	9.00	8.82	6.25	51.29	" "
Middletown	7.94	20.00	22.64	5.00	5.45	6.00	4.46	9.06	50.45	" "
Middletown	8.44	15.00	17.11	4.00	4.57	12.00	9.75	7.80	52.33	" "
Middletown	9.02	16.00	16.67	4.00	4.08	6.00	3.35	4.26	62.62	" "
Oakland	9.58	24.00	23.77	4.50	4.26	9.00	8.51	5.31	48.57	" "
Oakland	9.22	20.00	21.45	4.00	4.92	9.00	8.23	5.21	50.97	" "
Oakland	9.98	16.00	16.87	4.00	4.27	12.00	11.01	7.58	50.29	" "
Baltimore	8.32	20.00	21.41	4.50	5.24	7.00	6.93	7.38	50.72	" "
Baltimore	10.68	10.00	10.09	2.50	3.47	5.00	2.71	1.46	71.59	" "
Germantown	5.78	17.00	17.99	6.00	4.28	18.00	20.68	3.15	48.12	" "

X—Fat as determined by the Roese-Gottlieb Method.

MANUFACTURER AND ADDRESS	NAME OF FEED
Greensboro Milling Co., Greensboro, Md.	Laying Mash
" "	Pure Wheat Bran
" "	Pure Wheat Middlings
W. D. Groff, Owings Mills, Md.	‡Wil-Gro Laying Mash
Hales & Hunter Co., Chicago, Ill.	*Red Horn 24% Dairy
" "	*Red Horn 24% Dairy
" "	‡†Special Red Horn 24% Dairy Feed
" "	‡Gold Flake Dairy Feed
" "	‡Red Comb Egg Mash
" "	‡Kingfalfa Horse Feed
" "	‡College Horse Feed
" "	‡Red Horn Calf Meal, with DBM
" "	‡Red Comb Chick Starter, with DBM.
" "	‡Corn Feed Meal
" "	‡*Red Comb Fine Chick—No Grit
" "	‡Morning Glory Scratch Feed
" "	‡Pound Squab Pigeon Feed—No Grit
" "	‡Red Comb Turkey Starter and Grower, with DBM
" "	‡Victoria Rabbit Feed
Dwight Hamlin Co., Pittsburgh, Pa.	Hamlin's Dried Brewers Grains
Hampstead Fertilizer Co., Hampstead, Md.	R-E-M-Home Made Laying Mash
" "	Home Made Growing Mash
" "	Home Made Hog Feed
Hampstead Milling Co., Inc., Hampstead, Md.	Hamco Egg Mash
" " "	*Winter Wheat Bran
" " "	Winter Wheat Middlings, M. R. S.
Hancock Flour & Feed Co., Hancock, Md.	Potomac Laying Mash
Frank Harbaugh, Middleburg, Md.	Use More Dairy Feed
" "	Use More Egg and Growing Mash
Hugh J. Hazlehurst, Kingsville, Md.	Repeal Brand Rye Distillers Grains
" "	Repeal Brand Rye Distillers Grains
Samuel J. Heiney & Sons, Allentown, Pa.	Hei-Son Baby Chick Food
Hershey Creamery Co., Harrisburg, Pa.	Hershey's Superior Powdered Skim Milk
	Hershey's Superior Powdered Skim Milk
V. E. Herter & Co., Dayton, Ohio	‡Corn Feed Meal
" "	Corn Feed Meal
Hespenheide & Thompson, York, Pa.	*Premier 32% Farm Mixing Feed
" " "	Premier Egg Mash, with BM., Charcoal and Minerals

‡ Not Licensed at time of Sale.
* Means deficient in Protein or Fat.
† Means deficient in both Protein and Fat.

SAMPLED FROM	Moisture	PROTEIN Guaranteed	PROTEIN FOUND	FAT Guaranteed	FAT FOUND	FIBRE Guaranteed	FIBRE FOUND	Ash	Nitrogen Free Extract	INGREDIENTS
Greensboro	7.95	16.00	19.36	5.00	5.11	6.00	7.21	8.04	52.33	A.
Greensboro	7.74	14.00	14.30	4.00	4.16	10.00	10.53	7.30	55.97	As declared on sack
Greensboro	10.79	14.00	15.27	4.00	4.64	6.00	3.73	3.54	62.03	" "
Owings Mills	9.74	18.00	18.85	5.00	6.48	8.00	7.71	9.60	47.62	" "
Baltimore	9.20	24.00	23.42	5.00	3.85	10.00	9.31	8.21	46.01	" "
Annapolis	8.78	24.00	26.49	5.00	4.25	10.00	8.03	9.08	43.37	" "
Baltimore	9.47	24.00	22.78	4.00	3.06	11.00	9.45	8.26	46.98	" "
Baltimore	9.32	16.00	16.46	3.00	3.27	15.00	12.73	10.39	47.83	B.
Baltimore	9.22	18.00	20.53	4.00	6.30	7.00	6.85	9.00	48.10	As declared on sack
Baltimore	10.33	9.00	11.69	2.50	3.63	10.00	6.57	4.07	63.71	" "
Baltimore	11.45	9.00	10.98	2.50	3.02	10.00	6.33	3.97	64.25	" "
Baltimore	10.24	18.00	17.64	4.00	4.01	5.00	4.51	3.74	59.86	C.
Annapolis	8.13	15.00	19.92	4.00	5.36	5.00	5.97	8.03	52.59	As declared on sack
Annapolis	9.95	8.50	10.62	2.50	6.44	5.00	3.65	2.36	66.98	" "
Baltimore	11.12	10.00	10.27	2.50	1.40	5.00	1.21	1.26	74.74	" "
Annapolis	10.26	10.00	10.00	2.50	2.71	5.00	2.14	1.52	73.37	" "
Baltimore	10.48	10.00	14.30	2.50	2.73	5.00	3.38	2.24	66.87	" "
Baltimore	7.15	25.00	25.10	4.00	6.68	6.00	5.72	9.04	46.31	" "
Baltimore	10.67	12.00	12.33	2.00	2.33	20.00	13.79	8.34	52.54	" "
Mt. Airy	6.06	20.00	23.25	6.00	6.37	18.00	17.61	4.50	42.21	" "
Hampstead	8.29	20.00	20.71	4.50	5.36	8.00	8.64	8.90	48.10	As declared on sack
Hampstead	9.00	17.00	19.57	4.00	6.09	7.00	5.76	7.58	52.00	" "
Hampstead	8.75	15.00	17.90	4.00	5.34	8.00	6.47	6.21	55.33	" "
Hampstead	8.58	20.00	20.01	4.00	4.95	8.00	7.56	10.12	48.78	" "
Hampstead	9.71	14.00	14.57	4.00	3.49	10.50	8.28	6.73	57.22	" "
Hampstead	10.25	15.00	15.36	4.00	4.52	6.00	5.31	3.89	60.67	" "
Hancock	8.30	20.00	21.15	4.50	5.53	6.50	7.16	8.96	48.90	" "
Middleburg	10.55	16.50	18.72	4.00	3.72	10.00	11.73	7.47	47.81	A.
Woodsboro	9.47	20.00	22.82	4.00	5.17	7.00	5.79	7.04	49.71	As declared on sack
Baltimore	5.46	17.00	15.80	5.00	6.83	20.00	15.87	1.73	54.31	" "
Fallston	12.81	17.00	17.02	5.00	5.07	20.00	15.10	1.50	48.50	" "
Baltimore	8.56	13.00	15.97	4.00	3.93	7.50	4.84	6.20	60.50	" "
Hagerstown	.....	32.00	35.28	.25	x1.24	.....	.....	8.15	.....	" "
Baltimore	.....	32.00	35.10	.25	x1.24	.....	.....	8.12	.....	" "
Wash. Grove	11.59	10.00	10.27	3.50	3.79	5.00	5.01	2.34	67.00	" "
Baltimore	10.88	10.00	10.27	3.50	3.96	5.00	3.85	2.27	68.77	" "
Cordova	9.77	32.00	29.72	4.50	4.36	10.00	6.27	7.45	42.43	As declared on sack
Cordova	9.27	20.00	20.53	4.50	4.71	7.00	5.74	9.44	50.31	" "

A—Ingredients on sack differ from license.
B—Fat guarantee and Ingredients on sack differ from license.
C—Also detected Alfalfa Meal.
X—Fat as determined by the Roese-Gottlieb Method.

MANUFACTURER AND ADDRESS	NAME OF FEED
Hespenheide & Thompson, York, Pa. (Cont.)	Premier Egg Mash, with BM., Charcoal and Minerals
" " "	York Laying Mash
" " "	Premier Broiler Ration
" " "	Premier Starting and Growing Mash, with Cod Liver Oil
" " "	Premier 85% Horse Feed
" " "	Premier Pig and Hog Meal
" " "	Premier Calf Meal
" " "	Corn Feed Meal
" " "	Premier Baby Chick Starter, with Cod Liver Oil
" " "	Premier Chick Feed
" " "	York Scratch Feed
Hood Mills, Inc., Baltimore, Md.	Hood 16½% Dairy Ration
" "	‡Hood 16½% Dairy Ration
" "	‡Hood 16½% Dairy Ration
John P. Howard, Hagerstown, Md.	Howard's Poultry Mash
" "	Howard's Scratch Grains
" "	*Howard's Pigeon Feed, without Corn
" "	*Howard's Pigeon Feed, with Corn
Smith Hoyle, Boyds, Md.	*Pure Wheat Bran
" "	Pure Wheat Middlings
Hubinger Co., Keokuk, Iowa	Ke OK uk Corn Gluten Feed
Humphreys-Godwin Co., Memphis, Tenn.	Dixie Brand 41% Protein Prime Cottonseed Meal
" "	‡Dixie Brand 41% Protein Prime Cottonseed Meal
Hurlock Milling Co., Hurlock, Md.	Best Quality Laying Mash
" " "	Best Quality Pig and Hog Meal
" " "	Wheat Bran and Screenings
	Pure Wheat Middlings
Huston, Culver & Co., Seaford, Del.	‡Fish Meal
Igleheart Bros., Inc., Evansville, Ind.	Wheat Bran
Independent Manufacturing Co., Phila., Pa.	‡*Independent's 55% Meat Scrap and Bone
Ingleside Milling Co., Ingleside, Md.	Ingleside Dairy Feed
" " "	Ingleside Laying Mash
" " "	Pure Wheat Bran
" " "	*Pure Wheat Middlings
" " "	Ingleside Turkey Mash
International Milling Co., Minneapolis, Minn.	Blackhawk Pure Wheat Bran
" " "	Blackhawk Wheat Germ Middlings

‡ Not Licensed at time of Sale.
* Means deficient in Protein or Fat.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Cordova	9.29	20.00	22.29	4.50	5.01	7.00	6.61	9.50	47.30	As declared on sack
Cordova	9.16	18.00	19.74	3.00	5.11	6.00	6.43	9.28	50.28	" "
Cordova	7.40	18.50	18.60	4.00	5.98	5.50	5.28	6.22	56.52	" "
Jarrettsville	9.52	16.00	17.81	4.00	5.33	6.00	5.41	5.14	56.79	" "
Cordova	10.74	9.00	10.00	3.00	2.97	10.00	5.42	2.95	67.92	" "
Parkton	7.90	16.00	16.50	4.00	4.26	7.00	7.12	9.62	54.60	" "
Cordova	8.96	20.00	23.96	3.00	3.03	4.50	2.94	7.14	53.97	" "
Snow Hill	9.68	8.00	11.14	3.00	7.19	4.00	5.28	2.72	63.99	" "
Parkton	7.65	18.00	18.43	4.00	5.71	5.00	5.10	6.74	56.37	" "
Parkton	9.61	10.00	10.79	2.50	4.20	4.00	1.31	1.86	72.23	" "
Parkton	10.56	9.00	9.65	2.50	2.73	5.00	2.89	1.83	72.34	" "
Fallston	9.30	16.50	17.50	3.00	4.23	12.00	13.46	8.45	47.06	A.
Fallston	10.48	16.50	17.43	3.00	3.55	12.00	14.19	5.42	48.93	As declared on sack
Fallston	10.98	16.50	17.55	3.00	4.04	12.00	8.43	7.72	51.28	B.
Hagerstown	8.16	19.50	19.13	5.00	5.18	7.00	7.11	8.76	51.66	B.
Hagerstown	10.12	10.00	10.18	2.50	2.84	4.00	3.23	1.59	72.04	As declared on sack
Hagerstown	9.73	14.00	12.72	3.00	2.58	4.00	3.22	1.70	70.05	" "
Hagerstown	10.73	12.50	12.29	3.25	2.90	3.50	3.33	1.67	69.08	" "
Boyds	7.41	15.00	15.45	4.00	3.37	8.00	8.37	5.90	59.50	" "
Boyds	9.94	16.00	15.09	4.00	3.75	4.00	3.93	3.87	63.42	" "
Hagerstown	7.09	25.00	26.50	2.00	2.82	8.50	8.20	5.87	49.52	As declared on sack
Frederick	7.32	41.00	41.07	5.00	6.64	12.00	9.40	7.05	28.52	" "
Frederick	6.31	41.00	41.16	5.00	7.01	12.00	9.15	8.22	28.15	" "
Hurlock	7.93	20.00	22.73	4.50	4.19	8.00	7.68	12.12	45.35	C.
Hurlock	8.31	20.00	20.27	4.50	4.41	8.00	5.63	9.86	51.52	" "
Hurlock	8.45	14.50	16.15	4.00	3.92	9.00	10.58	7.55	53.35	" "
Hurlock	10.46	14.50	15.36	4.00	4.10	9.00	4.67	4.06	61.35	" "
Federalsburg	5.82	55.00	57.39	4.00	10.94	1.00	1.23	20.02	4.60	" "
Taneytown	8.79	13.00	16.06	3.00	4.74	12.00	9.82	6.75	53.84	" "
St. Michaels	6.15	55.00	53.53	8.00	13.03	3.00	1.82	25.36	.11	" "
Ingleside	7.63	19.00	19.92	3.00	3.25	14.00	9.86	6.34	53.00	" "
Ingleside	8.87	17.00	18.25	3.50	5.16	9.50	7.91	11.26	48.55	D.
Ingleside	7.43	13.00	14.22	3.00	3.71	9.00	9.27	6.44	58.93	As declared on sack
Ingelside	10.73	13.00	13.51	3.50	2.92	9.50	3.68	2.77	66.39	" "
Ingleside	7.74	20.00	21.76	4.50	5.66	10.00	8.94	13.77	42.13	" "
Germantown	9.64	15.00	16.50	3.20	4.09	12.00	9.73	7.35	52.69	As declared on sack
Baltimore	8.01	25.00	27.03	9.00	9.66	3.25	2.98	5.01	47.31	" "

A—Also detected Whole Weed Seed.
B—Ingredients on sack differ from license.
C—Fibre guarantee on bag differs from license.
D—Also detected a small amount of Epsom Salts.

MANUFACTURER AND ADDRESS	NAME OF FEED
International Milling Co., Minneapolis, Mnn. (Continued.)	Blackhawk Wheat Standard Middlings, with G. S. N. Ex. M. R.
" " "	Blackhawk Wheat Red Dog
R. D. Johnson Milling Co., Cumberland, Md.	*Atlas Dairy Feed
" " "	Atlas Egg Mash
" " "	Atlas Stock Feed
" " "	Wheat Bran and Screenings
" " "	Wheat Shorts
" " "	*Atlas Scratch Feed
Kansas Flour Mills Corp., Kansas City, Mo.	Big Flake Pure Wheat Bran
Kasco Mills, Inc., Waverly, N. Y.	‡Kasco Mash Supplement
" "	Oc-Sak 24% Dairy Feed
" "	Beatsall Milk Grains
" "	Kasco 16% Dairy Feed
" "	Apex Laying Mash
" "	Oc-Sak Laying Mash
" "	Kasco Poultry Flushing Mash
" "	‡Kasco Sweet Stock Meal
" "	‡Kasco Bulky Sweet Feed
" "	Kasco Horse Feed
" "	Oc-Sak Horse Feed
" "	Kasco Pig-Hog Feed
" "	Apex Sugard Chop
" "	Apex All Mash Starter and Grower
" "	Apex All Mash Starter and Grower
" "	‡Oc-Sak Chick Grains
" "	Kasco Turkey Starter and Grower
" "	Kasco Rabbit Pellets
Keedysville Milling Co., Keedysville, Md.	Eureka Laying Mash
" "	Pure Wheat Bran
" "	Pure Wheat Middlings
J. W. Kemp Milling Co., Williamsport, Md.	‡Wheat Bran
" "	‡Wheat Middlings
F. P. Kepple, Rising Sun, Md.	*Laying Mash
Key Grain & Feed Co., Keymar, Md.	The Key 32% Dairy Ration
" " "	The Key Dairy Ration
" " "	The Detour Laying Mash
" " "	The Key Laying Mash
" " "	The Growing Mash
" " "	The Key Pig Meal
" " "	*Pure Corn Meal for Animal Consumption
" " "	The Key Starting Mash
" " "	The Key Scratch Grains
Keystone Dairy Co., New York, N. Y.	Skim Milk Powder

‡ Not Licensed at time of Sale.
* Means deficient in Protein or Fat.

Sampled From	Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Baltimore	11.05	16.00	17.64	4.50	4.48	8.50	7.04	5.28	54.51	As declared on sack
Baltimore	11.83	16.00	17.99	3.50	4.08	4.00	2.65	3.45	60.00	" "
Cumberland	6.55	22.00	19.74	4.00	5.49	12.00	8.11	7.83	52.28	A.
Cumberland	5.66	18.00	29.40	4.00	7.03	7.00	6.26	11.52	40.13	B.
Cumberland	7.28	9.00	9.83	3.00	5.07	12.00	11.44	4.82	61.56	C.
Cumberland	7.61	16.00	18.60	4.00	5.26	9.00	7.57	7.03	53.93	As declared on sack
Cumberland	10.13	17.00	17.29	5.00	9.68	6.00	7.79	5.39	49.72	" "
Cumberland	10.03	11.50	10.09	3.46	2.47	2.48	3.23	1.65	72.53	D.
Hagerstown	8.41	15.00	19.13	3.50	3.98	11.00	8.02	6.90	53.56	As declared on sack
Hancock	5.82	26.00	26.32	5.00	5.26	6.50	6.70	18.03	37.87	" "
Hancock	8.00	24.00	23.11	4.00	5.26	12.00	11.10	5.50	47.03	" "
Oakland	9.65	22.00	21.04	4.50	4.28	10.00	8.06	5.92	51.05	" "
Hancock	7.99	16.00	15.06	3.50	3.70	12.00	13.67	10.48	49.10	" "
Manchester	8.19	20.00	21.50	4.00	5.21	8.50	5.51	11.77	47.82	" "
Silver Springs	7.33	17.00	17.90	3.50	5.26	8.50	6.15	10.30	53.06	" "
Hancock	6.25	17.00	18.60	4.00	4.51	5.50	3.96	9.32	57.36	" "
Hancock	10.01	12.50	15.00	4.00	6.69	12.00	10.86	8.86	48.58	E.
Cumberland	8.00	9.00	15.26	1.50	3.89	15.00	14.51	8.27	50.07	As declared on sack
Silver Springs	10.48	9.00	11.58	3.00	3.28	10.00	7.15	4.27	63.24	" "
Oakland	11.35	9.00	13.11	2.25	3.92	12.00	8.28	4.16	59.18	As declared on sack
Maple Grove	7.58	17.00	17.81	4.50	4.63	7.50	6.39	8.14	55.45	" "
Hancock	8.41	7.50	10.86	3.00	3.92	12.00	12.18	7.42	57.21	F.
Silver Springs	7.59	15.00	15.45	4.00	4.52	6.00	4.46	7.92	60.06	As declared on sack
Cumberland	7.87	15.00	15.97	4.00	4.63	6.00	4.84	7.90	58.79	" "
Hancock	9.84	9.00	10.27	2.50	2.47	3.50	1.72	1.02	74.68	" "
Oakland	9.09	20.00	22.29	4.00	4.68	8.00	7.53	11.80	44.61	" "
Silver Springs	8.89	13.00	15.36	3.00	3.94	11.00	7.02	7.68	57.11	" "
Keedysville	7.56	20.00	21.41	5.00	4.76	7.00	6.13	10.60	49.54	G.
Keedysville	8.37	13.50	14.92	3.20	4.01	8.35	8.57	5.93	58.20	As declared on sack
Keedysville	10.59	14.00	16.76	3.50	3.39	3.25	3.64	3.04	62.58	H.
Hancock	9.96	14.00	15.09	3.00	3.34	12.00	11.06	7.33	53.22	" "
Hancock	9.68	14.00	15.18	3.00	3.48	5.00	4.03	3.93	63.70	" "
Rising Sun	10.29	20.00	19.13	4.50	3.97	6.00	6.17	12.00	48.44	As declared on sack
Keymar	8.19	32.00	32.61	4.75	4.89	10.00	9.61	7.17	37.53	As declared on sack
Detour	7.24	20.00	22.90	4.00	4.61	11.00	9.21	7.41	48.63	" "
Detour	8.79	19.00	20.53	4.50	4.87	9.00	8.60	10.02	47.19	" "
Detour	8.38	19.00	20.53	5.00	5.37	7.00	5.51	9.31	50.90	" "
Keymar	9.52	16.00	19.04	4.50	4.47	7.00	5.89	7.53	53.55	" "
Detour	9.06	17.00	18.60	4.00	4.90	7.00	5.83	7.80	53.81	" "
Detour	12.74	9.00	9.13	4.00	3.11	3.00	1.98	1.40	71.64	" "
Keymar	9.60	16.00	17.72	4.50	5.13	6.00	4.44	5.98	57.13	" "
Detour	11.57	10.00	10.00	2.75	2.60	4.00	2.37	1.59	71.87	" "
Medford	.....	32.00	33.35	.75	x1.08	.....	.....	8.09	.....	" "

A—Fat and Fibre guarantee and ingredients on sack differ from license. Unable to detect Linseed Oil Meal, Corn Gluten Feed and Soy Bean Oil Meal—also detected a Buckwheat By-Product.
B—Unable to detect Linseed Oil Meal—also detected Buckwheat Middlings.
C—Also detected Whole Weed Seed.
D—Ingredients on sack differ from license. Unable to detect Milo, Kaffir Corn and Barley—also detected 1.65% Weed Seed and Trash, and 1.13% Wild Oats Total 2.78% Foreign Matter.
E—Also detected Corn Gluten Feed and Wheat Bran.
F—Protein guarantee on sack differs from license. Also detected Cotton Seed Meal, Linseed Oil Meal and Corn Gluten Feed.
G—Ingredients on sack differ from license.
H—Also detected Ground Screenings.
X—Fat as determined by the Roese-Gottlieb Method.

MANUFACTURER AND ADDRESS	NAME OF FEED
King Brothers & Co., Philadelphia, Pa.	King's Pure Dried Skim Milk
King Midas Mill Co., Minneapolis, Minn.	Cloverleaf Pure Wheat Bran
" "	Wheat Standard Middlings and Ground Wheat Screenings
H. H. King Flour Mills Co., Minneapolis, Minn.	"Fairybow"
Kline Brothers, Inc., Boonsboro, Md.	Wheat Bran
" "	Wheat Middlings
" "	Kline Bros. Scratch Grains
Charles F. Knock, Frederick, Md.	Laying Mash, with DBM
" "	Growing Mash
" "	Chick Feed
" "	Medium Scratch Feed
" "	Scratch Feed
Chas. Krause Milling Co., Milwaukee, Wis.	‡Economy 24% Dairy Ration
" " "	Sweet Cud 20% Dairy Ration
" " "	Badger 16% Sweet Dairy
" " "	‡Blue Top Horse Feed
" " "	‡*Badger Yellow Hominy Feed
" " "	‡*Blue Top Chick Feed
H. Curtis Krout, Maryland Line, Md.	Krout's Egg Mash
" " "	Krout's Chick Mash
F. S. Langrell, Preston, Md.	Pure Wheat Bran
" "	Pure Wheat Middlings
Larrowe Milling Co., Detroit, Mich.	Larro-The Ready Ration for Dairy Cows
" "	Larro-The Ready Ration for Dairy Cows
" "	Larro Egg Mash
" "	Larro Egg Mash
" "	Larro Growing Mash
" "	Larro Growing Grains
" "	Larro Broiler Feed
" "	Larro Calf Meal
" "	Dried Beet Pulp
" "	Larro Chick Starter
" "	Larro Chick Starter
" "	Larro Chick Grains
" "	Larro Scratch Grains
" "	Larro Turkey Adult Mash
Liberty Milling Co., Germantown, Md.	*Montgomery 26% Dairy Feed
" "	*Liberty 22% Dairy Feed
" "	Liberty Egg Mash
" "	Liberty Growing Mash
" "	Winter Wheat Bran
" "	Liberty Soft Winter Middlings, with M. R. of Screenings

‡ Not Licensed at time of Sale.
* Means deficient in Protein or Fat.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Preston	.....	30 .00	35 .63	1 .00	x1 .22	.....	.....	8 .08	.....	As declared on sack
Frederick	8 .94	15 .00	16 .94	4 .00	5 .51	12 .00	10 .82	6 .38	51 .41	" "
Baltimore	7 .63	15 .00	16 .15	4 .00	5 .30	9 .50	8 .07	3 .37	59 .48	" "
Baltimore	9 .94	15 .50	19 .39	5 .00	5 .78	9 .50	7 .74	5 .22	51 .93	" "
Maugansville	7 .27	14 .00	15 .53	4 .00	4 .12	9 .00	10 .71	7 .80	54 .57	" "
Maugansville	10 .35	15 .00	15 .80	4 .00	4 .16	5 .00	3 .57	3 .44	62 .68	" "
Benevola	9 .70	9 .00	11 .14	2 .50	2 .78	6 .00	2 .76	1 .90	71 .72	A.
Frederick	8 .18	15 .00	19 .83	3 .00	5 .72	10 .00	5 .69	6 .90	53 .68	E.
Frederick	11 .28	15 .00	17 .11	4 .00	4 .81	10 .00	3 .81	4 .34	58 .65	B.
Frederick	9 .38	10 .00	11 .23	3 .00	4 .95	3 .00	1 .83	2 .17	70 .44	C.
Frederick	10 .90	9 .00	10 .62	3 .00	3 .31	5 .00	2 .65	1 .97	70 .55	As declared on sack
Frederick	10 .54	9 .00	10 .83	3 .00	2 .62	5 .00	3 .03	2 .60	70 .38	" "
Mt. Airy	9 .97	24 .00	25 .18	3 .50	3 .71	12 .00	7 .75	8 .04	45 .35	" "
Mt. Airy	10 .56	20 .00	21 .08	4 .50	4 .12	13 .00	9 .05	7 .92	47 .27	" "
Mt. Airy	10 .29	16 .00	16 .90	4 .00	4 .18	13 .00	10 .79	10 .85	46 .99	D.
Baltimore	10 .20	10 .00	11 .52	1 .00	2 .65	16 .00	8 .77	4 .49	62 .37	As declared on sack
Westminster	10 .60	10 .00	9 .65	6 .00	5 .43	5 .00	3 .18	1 .94	69 .20	" "
Mt. Airy	11 .49	10 .00	11 .23	2 .50	1 .87	5 .00	1 .40	1 .20	72 .81	" "
Md. Line	8 .50	20 .00	21 .24	4 .00	4 .23	7 .00	5 .35	8 .68	52 .00	A.
Md. Line	8 .27	15 .00	18 .52	4 .00	5 .20	5 .50	4 .43	8 .04	55 .54	A.
Preston	8 .42	13 .00	15 .01	3 .00	3 .74	10 .00	6 .75	4 .94	61 .14	As declared on sack
Preston	11 .28	13 .00	14 .04	3 .00	3 .28	5 .00	2 .20	2 .26	66 .94	" "
Baltimore	8 .67	20 .00	22 .11	3 .75	4 .21	12 .00	10 .72	7 .75	46 .54	" "
Silver Springs	8 .43	20 .00	21 .59	3 .75	5 .10	12 .00	10 .38	7 .00	47 .50	" "
Baltimore	9 .49	19 .00	20 .18	4 .00	4 .82	7 .50	7 .43	11 .63	46 .45	" "
Silver Springs	9 .93	19 .00	20 .53	4 .00	4 .98	7 .50	6 .57	10 .38	47 .61	" "
Baltimore	10 .25	16 .00	17 .72	4 .00	4 .11	7 .50	6 .22	8 .13	53 .57	" "
Baltimore	9 .40	10 .00	10 .62	2 .00	2 .16	4 .00	2 .06	1 .16	74 .60	" "
Silver Springs	9 .66	15 .50	17 .02	4 .00	4 .71	6 .00	5 .24	8 .70	54 .67	As declared on sack
Baltimore	7 .58	23 .00	24 .39	4 .00	4 .00	4 .00	4 .13	5 .98	53 .92	" "
Baltimore	8 .67	7 .00	9 .73	.30	.50	22 .50	19 .86	3 .47	57 .77	" "
Baltimore	9 .04	16 .50	17 .72	4 .50	4 .64	5 .50	5 .15	7 .97	55 .48	" "
Silver Springs	9 .71	16 .50	17 .64	4 .50	4 .92	5 .50	5 .21	8 .22	54 .30	" "
Baltimore	8 .26	10 .00	10 .71	2 .00	2 .00	4 .00	1 .86	1 .01	76 .16	" "
Baltimore	11 .28	10 .00	11 .06	2 .00	2 .55	4 .00	2 .42	1 .66	71 .03	" "
Easton	8 .99	19 .00	20 .53	4 .00	4 .57	7 .50	6 .53	10 .51	48 .87	" "
Germantown	8 .89	26 .00	27 .20	5 .00	4 .43	9 .00	8 .59	8 .39	42 .50	" "
Germantown	9 .28	22 .00	24 .83	5 .00	4 .45	10 .00	9 .77	7 .96	43 .71	A.
Germantown	9 .98	19 .00	20 .88	4 .00	4 .98	7 .00	5 .61	12 .19	46 .36	F.
Germantown	9 .10	16 .00	17 .81	4 .00	5 .55	6 .50	5 .96	10 .38	51 .20	G.
Germantown	9 .45	14 .00	15 .36	4 .00	3 .91	10 .50	9 .43	6 .23	55 .62	As declared on sack
Germantown	11 .80	15 .00	15 .62	4 .00	4 .11	6 .00	5 .25	3 .46	59 .76	" "

A—Ingredients on sack differ from license.
E—Protein guarantee on sack differs from license.
B—Ingrediens on sack differ from license. Also detected Ground Wheat.
C—Ingredients on sack differ from license. Unable to detect Pinhead Oats—also detected Hulled Oats.
D—Also detected a small amount of Corn Gluten.
F—Protein and Fat guarantee and ingredients on sack differ from license.
G—Also detected Crab Meal.
X—Fat as determined by Roese Gottlieb method.

MANUFACTURER AND ADDRESS	NAME OF FEED
Liberty Milling Co., Germantown, Md. (Cont.)	Liberty Baby Chick Starter
" "	*Liberty Baby Chick Starter
" "	Liberty Scratch Grains
" "	‡Liberty Starter and Grower Turkey Mash
Linwood Elevator Co., Linwood, Md.	Linwood Dairy Feed
" " "	Linwood Laying Mash
" " "	Linwood Complete Pig Meal
" " "	Linwood Pigeon Feed
Lone Maple Tree Poultry Farm, Preston, Md.	Lone Maple Tree All Mash Grower
" " "	Lone Maple Tree Chick Starter
Loudonville Milling Co., Loudonville, Ohio	‡Le Grande Wheat Bran
	‡Red Dog Middlings, with Screenings
L. B. Lovitt & Co., Memphis, Tenn.	"Lovit Brand" 41% Cottonseed Meal
" "	"Lovit Brand" 41% Cottonseed Meal
" "	"Lovit Brand" 41% Cottonseed Meal
" "	"Lovit Brand" 41% Cottonseed Meal
Maritime Milling Co., Inc., Buffalo, N. Y.	Farmers B. B. Mixing Feed, Sweetened
" " "	†Bull Brand "24" Dairy Ration, Sweetened
" " "	‡Sweetened Dollar Maker 24% Protein Dairy Feed
" " "	B. B. Hi-Test Dairy Feed 24% Protein Sweetened
" " "	B. B. Hi-Test Dairy Feed 24% Protein Sweetened
" " "	B. B. Hi-Test Dairy Feed 20% Protein Sweetened
" " "	B. B. Marmico 16% Protein Dairy Feed, with Molasses
" " "	B. B. Marmico 16% Protein Dairy Feed, with Molasses
" " "	Dollar Maker Egg Mash
" " "	Dollar Maker Egg Mash Vitamized with Cod Liver Oil and DBM
" " "	B. B. Daisy Egg Mash, with DBM
" " "	B. B. Laying Mash Vitamized with Cod Liver Oil, Milk Sugar Feed and DBM
" " "	B. B. Laying Mash, with Milk Sugar Feed and DBM
" " "	‡B. B. Growing Mash Vitamized with Cod Liver Oil, Milk Sugar Feed and DBM.
" " "	Dollar Maker Growing Mash Vitamized with Cod Liver Oil and DBM
" " "	‡Fattening Mash B. B. Broiler and Fleshing Mash, with Milk Sugar Feed and DBM.
" " "	‡B. B. Control Mash Vitamized with Cod Liver Oil, Milk Sugar Feed and DBM
" " "	‡B. B. Daisy Horse Feed, with Alfalfa Meal and Molasses

‡ Not Licensed at time of Sale.
* Means deficient in Protein or Fat.
† Means deficient in both Protein and Fat.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Germantown	8.21	15.00	**15.36**	5.00	**4.59**	5.50	**4.29**	5.97	61.58	As declared on sack
Germantown	9.71	14.00	**13.16**	4.00	**4.45**	3.50	**2.59**	6.66	63.43	D.
Germantown	12.64	10.00	**9.92**	3.00	**3.36**	3.00	**2.44**	1.53	70.11	D.
Germantown	8.37	18.00	**19.31**	4.50	**6.24**	6.00	**5.83**	10.42	49.83	As declared on sack
Linwood	6.76	16.00	**18.60**	3.50	**4.35**	12.00	**13.70**	7.07	49.52	" "
Linwood	7.37	18.00	**20.62**	4.50	**4.79**	8.00	**8.56**	11.98	46.68	" "
Linwood	9.13	15.00	**17.64**	4.50	**4.31**	6.00	**7.79**	9.31	51.82	" "
Linwood	9.68	14.00	**14.04**	2.50	**3.41**	5.00	**4.05**	2.10	66.72	" "
Preston	10.05	15.00	**15.88**	3.00	**3.65**	6.00	**5.41**	6.74	58.27	A.
Preston	9.91	15.00	**16.67**	3.00	**3.24**	6.00	**5.52**	6.78	57.88	A.
Oakland	9.00	13.00	**14.39**	4.00	**3.97**	12.00	**9.52**	6.95	56.17	As declared on sack
Oakland	10.53	15.00	**14.92**	4.00	**3.37**	7.00	**6.64**	3.22	61.32	" "
Hagerstown	5.97	41.00	**41.24**	5.00	**7.69**	13.00	**7.57**	6.93	30.60	" "
New Windsor	6.26	41.00	**41.68**	6.00	**6.91**	10.00	**9.47**	6.60	29.08	" "
Centreville	6.44	41.00	**41.03**	6.00	**5.73**	10.00	**11.28**	7.42	28.10	" "
Derwood	8.50	41.00	**40.19**	6.00	**5.98**	10.00	**10.67**	6.37	28.29	" "
White Hall	8.33	32.00	**32.19**	5.00	**4.70**	10.00	**7.86**	8.55	38.37	" "
Baltimore	10.01	24.00	**22.97**	4.50	**3.96**	11.00	**9.58**	7.30	46.18	" "
Federalsburg	9.54	24.00	**24.70**	3.50	**3.87**	12.00	**9.72**	7.87	44.30	" "
Baltimore	10.07	24.00	**23.94**	4.00	**3.95**	12.00	**9.14**	8.05	44.85	" "
Baltimore	10.87	24.00	**24.46**	4.00	**4.26**	12.00	**9.42**	8.26	42.73	" "
Baltimore	7.79	20.00	**21.04**	4.50	**4.06**	12.00	**9.68**	8.75	48.68	" "
Baltimore	10.77	16.00	**16.30**	4.00	**3.91**	12.00	**12.15**	8.77	48.10	" "
Baltimore	8.15	16.00	**17.21**	4.00	**3.70**	12.00	**11.68**	9.66	49.60	" "
White Hall	8.78	17.00	**18.16**	3.50	**5.84**	9.00	**8.32**	10.64	48.26	" "
Federalsburg	8.29	17.00	**18.69**	3.50	**6.55**	9.00	**7.13**	9.52	49.82	As declared on sack
Baltimore	8.49	18.00	**19.04**	3.50	**5.48**	7.00	**6.83**	11.08	49.08	" "
Baltimore	7.97	20.00	**20.01**	4.50	**6.08**	7.00	**7.73**	10.23	47.98	" "
Baltimore	7.53	20.00	**21.76**	4.50	**6.28**	7.00	**6.77**	11.85	45.81	" "
Baltimore	7.34	16.00	**16.76**	4.50	**5.66**	7.00	**6.31**	8.14	55.79	" "
White Hall	9.32	15.00	**15.97**	3.50	**5.80**	9.00	**7.53**	8.98	52.40	" "
White Hall	8.66	13.00	**14.48**	4.00	**4.37**	6.00	**4.54**	7.30	60.65	" "
Baltimore	7.24	14.00	**15.88**	2.50	**2.69**	4.00	**3.81**	9.87	60.51	" "
Baltimore	9.17	6.50	**9.16**	1.50	**2.74**	12.00	**8.25**	4.60	66.08	" "

D—Fibre guarantee and Ingredients on sack differs from license.
A—Ingredients on sack differ from license.

MANUFACTURER AND ADDRESS	NAME OF FEED
Maritime Milling Co., Inc., Buffalo, N.Y. (Cont.)	‡B. B. Horse Feed, with Alfalfa and Molasses
" " "	B. B. Daisy All Mash Starter and Growing Feed, with Milk Sugar Feed and DBM.
" " "	‡B. B. Daisy All Mash Starter and Growing Feed, with Milk Sugar Feed and DBM.
" " "	‡B. B. Developing Feed
" " "	B. B. Wheat Flour Middlings
" " "	‡B.B. Complete Chick Starter Ration Vitamized with Cod Liver Oil, Milk Sugar Feed and DBM.
" " "	‡B.B. Complete Chick Separate Starter Ration Vitamized with Cod Liver Oil, Milk Sugar Feed and DBM.
" " "	‡B. B. Daisy Chick Feed
" " "	‡B. B. Scratch Feed
" " "	B. B. Scratch Feed
" " "	‡*B. B. Turkey Starting and Growing Feed Vitamized with Cod Liver Oil
" " "	B. B. Rabbit Feed (Pellets) Vitamized with Cod Liver Oil and DBM.
" " "	‡B. B. Rabbit Feed (Pellets) Vitamized with Cod Liver Oil and DBM.
J. D. Earl Martin, Hagerstown, Md.	Reid Dairy Feed
Maryland Cereal Co., Baltimore, Md.	American Scratch Feed
Maurer Manufacturing Co., Newark, N. J.	Kwality Meat and Bone Scrap
" " "	Kwality Meat and Bone Scrap
Meadow Brook Farms, Nazareth, Pa.	‡Meadow Brook Farms Brand Superior Alfalfa Meal
Medford Grocery Co., Medford, Md.	*Pure Corn Meal
Henry Mesner & Son, Baltimore, Md.	‡E-Z-Fed Laying Mash, with BM., Cod Liver Oil and Minerals
" " "	‡E-Z-Fed Growing Mash, with BM., Cod Liver Oil and Minerals
" " "	‡E-Z-Fed Baby Chick Starter, with BM., Cod Liver Oil and Minerals
" " "	‡E-Z-Fed Scratch Feed
Metcalfe Brothers, Chestertown, Md.	‡Chester 20% Dairy Feed
" "	Chester Poult Mash
Leo H. Michael, Buckeystown, Md.	‡Michael's Laying Mash
John G. Miller, Reckord, Md.	‡Miller's Meat and Bone Scrap
Minneapolis Milling Co., Minneapolis, Minn.	Golden Pure Durum Wheat Flour Middlings

‡ Not Licensed at time of Sale.
* Means deficient in Protein or Fat.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Federalsburg	10.07	8.00	11.66	2.00	3.11	10.00	8.36	4.18	62.62	As declared on sack
Baltimore	9.34	17.00	17.20	4.00	5.34	7.00	6.98	8.76	52.38	A.
Baltimore	7.74	17.00	18.08	4.00	5.53	7.00	6.93	9.29	52.43	B.
Baltimore	11.15	10.00	10.71	2.00	3.11	5.00	2.49	1.84	70.70	As declared on sack
White Hall	10.15	15.00	17.29	4.00	4.63	6.00	5.52	3.86	58.55	" "
Baltimore	8.39	20.00	19.48	4.00	5.32	5.00	5.80	7.65	53.36	" "
Baltimore	8.83	20.00	18.99	4.00	5.87	5.00	5.81	6.37	54.13	" "
Baltimore	11.02	10.00	10.88	2.00	2.17	4.00	1.30	1.40	73.23	As declared on sack
Baltimore	10.94	10.00	10.18	2.50	2.96	4.00	2.62	1.30	72.00	" "
Baltimore	10.24	10.00	10.18	2.50	2.54	4.00	2.78	1.00	73.26	" "
Federalsburg	8.13	20.00	16.58	4.00	5.53	7.00	7.30	7.21	55.25	" "
Baltimore	7.87	12.00	16.23	2.50	4.04	12.00	6.47	7.92	57.47	" "
Baltimore	7.92	12.00	17.11	2.50	3.74	12.00	6.92	6.47	57.84	" "
Reid	8.02	16.00	17.46	3.00	7.48	12.00	10.62	6.25	50.17	" "
Baltimore	12.92	10.00	10.00	2.50	2.59	5.00	2.29	2.00	70.20	C.
Mardela Spgs	5.61	50.00	51.07	6.00	11.28	3.00	3.37	26.04	2.63	" "
Mardela Spgs	5.94	50.00	52.13	6.00	13.39	3.00	2.89	24.66	.99	" "
Denton	7.68	17.00	22.29	2.00	2.38	27.00	19.99	11.04	36.62	" "
Medford	10.02	9.00	10.19	4.00	3.39	3.00	3.34	1.52	71.54	" "
Baltimore	8.35	20.00	21.41	4.00	5.23	7.00	5.65	12.48	46.88	As declared on sack
Baltimore	8.98	16.00	17.90	4.50	4.89	6.50	6.68	8.68	52.87	" "
Baltimore	10.55	14.00	14.74	4.00	4.36	5.00	4.22	5.74	60.39	" "
Baltimore	10.74	10.00	9.65	2.50	2.63	5.00	2.36	1.35	73.27	" "
Chestertown	8.35	20.00	19.22	4.00	4.21	10.00	8.89	6.48	52.85	" "
Chestertown	7.86	20.00	22.29	5.00	4.89	14.00	11.30	12.64	41.92	D.
Buckeystown	8.44	18.00	19.74	5.00	5.14	12.00	8.82	10.70	47.16	E.
Baltimore	5.58	55.00	56.51	5.00	7.79	3.00	1.71	26.94	1.47	As declared on sack
Hampstead	9.96	16.00	18.60	5.50	6.28	7.50	6.96	4.17	54.03	" "

A—Also detected Alfalfa Meal.
B—Also detected Alfalfa Stems in pieces large amount to be retained on 20 mesh sieve indicating the use of Alfalfa Meal while Leaf Meal is declared.
C—Protein guarantee on sack differs from license.
D—Also detected Alfalfa Meal.
E—Ingredients on sack differ from license.

MANUFACTURER AND ADDRESS	NAME OF FEED
Mt. Airy Milling Co., Mt. Airy, Md.	Lamore Egg Mash
" " "	Husky Growing Mash
" " "	Husky Starter Mash
" " "	Winter Wheat Bran, with M. R. S.
" " "	Winter Wheat Middlings, with M. R. S.
" " "	*Lamore Scratch Feed
Mutual Rendering Co., Inc., Philadelphia, Pa.	Mureco Meat and Bone
" " "	Mureco Meat and Bone
" " "	Mureco Meat and Bone
" " "	Mureco Meat and Bone
" " "	Mureco Fish Meal
" " "	Mureco Dried Buttermilk
National Milling Co., Toledo, Ohio	Namico
" "	Tolio
Newsome Feed & Grain Co., Pittsburgh, Pa.	Palmo Midds
O. A. Newton & Son, Bridgeville, Del.	"Cedar View" Special Growing Mash
Northern Illinois Cereal Co., Lockport, Ill.	‡Reground Oat Feed
Northern Oats Co., Minneapolis, Minn.	‡Go-Fer Feeding Oat Meal
Northwestern Consolidated Milling Co., of Standard Milling Co., Minneapolis, Minn.	Wheat Standard Middlings and Ground Screenings
Norton & Co., Washington, D. C.	Bone and Meat Scrap
Nowak Milling Corp., Hammond, Ind.	Domino 32% Mixing Dairy Feed
" "	*Domino 24½% Dairy Feed
" "	*Cream-O-Lene Dairy Feed
" "	Domino Butterine Dairy Feed
" "	Union Dairy Feed
" "	Domino Laying Mash
" "	Domino Egg Pel-ets
" "	Domino All Mash Ration
" "	Marathon Poultry Fattener
" "	Domino All Mash Starter and Grower
" "	Domino Developing Feed
" "	Domino Broiler Ration
" "	Domino Chick Feed
" "	Domino Chick Pel-ets
" "	Fidelity Scratch Feed
" "	Domino Starting Turk-ets
" "	Domino Rabbit Pel-ets
" "	Domino All-In-One Rab-ets
Nuttle Milling Co., Denton, Md.	Ideal Laying Mash, with Cod Liver Oil
" "	Ideal Growing Mash, with Cod Liver Oil and BM
" "	Ideal Hog Meal
" "	Pure Wheat Bran

‡ Not Licensed at time of Sale.
* Means deficient in Protein or Fat.

SAMPLED FROM	Moisture	PROTEIN Guaranteed	PROTEIN FOUND	FAT Guaranteed	FAT FOUND	FIBRE Guaranteed	FIBRE FOUND	Ash	Nitrogen Free Extract	INGREDIENTS
Mt. Airy	7.34	19.00	**20.53**	5.50	**5.48**	8.00	**6.95**	10.84	48.86	B.
Mt. Airy	9.33	18.00	**19.04**	4.00	**5.51**	7.00	**6.03**	7.98	52.11	As declared on sack
Mt. Airy	8.07	15.00	**16.23**	4.00	**5.35**	6.00	**4.02**	6.00	60.33	" "
Mt. Airy	8.23	15.00	**15.18**	4.00	**3.90**	10.50	**9.37**	7.40	55.92	" "
Mt. Airy	7.96	16.00	**16.85**	4.00	**5.10**	6.00	**3.79**	4.70	61.60	" "
Mt. Airy	10.74	10.00	**10.09**	3.00	**2.36**	4.00	**2.25**	1.30	73.26	" "
Pocomoke Cy	5.15	50.00	**50.02**	6.00	**11.39**	2.00	**2.10**	31.22	.12	As declared on sack
Pocomoke Cy	5.07	50.00	**50.20**	6.00	**11.51**	2.00	**2.29**	29.90	1.03	" "
Denton	6.01	45.00	**46.86**	6.00	**9.62**	2.00	**2.00**	35.42	.09	" "
Denton	5.85	45.00	**45.28**	6.00	**10.15**	2.00	**1.50**	36.33	.89	" "
Mardela Spgs	7.93	55.00	**60.02**	6.00	**6.72**	2.00	**1.17**	19.60	4.56	" "
Cambridge	.....	30.00	**30.80**	5.00	**x6.67**	.....	.....	8.35	.....	" "
Westminster	8.84	15.00	**16.94**	3.50	**4.64**	9.00	**6.69**	4.43	58.46	" "
Baltimore	8.11	15.00	**16.15**	3.50	**4.13**	6.00	**5.04**	4.35	62.22	" "
Medford	5.36	16.00	**16.50**	7.00	**10.93**	9.00	**6.81**	5.47	54.93	" "
Hurlock	8.61	15.00	**17.29**	3.50	**4.43**	6.00	**4.75**	7.86	57.06	" "
Baltimore	9.79	3.50	**3.51**	1.25	**1.21**	35.00	**34.36**	7.76	43.37	" "
Frederick	9.14	14.00	**16.06**	5.00	**4.78**	3.75	**4.93**	4.04	61.05	" "
Baltimore	7.50	15.00	**17.46**	4.00	**5.65**	9.50	**10.07**	5.77	53.55	" "
Derwood	5.40	50.00	**49.93**	8.00	**10.15**	2.00	**2.15**	31.54	.83	" "
Harmony G.	8.93	32.00	**33.11**	4.50	**4.63**	10.00	**8.09**	7.99	37.25	As declared on sack
Ellicott City	9.78	24.50	**23.50**	5.00	**4.43**	10.00	**7.92**	8.80	45.57	" "
Harmony G.	9.87	24.00	**26.46**	4.50	**3.98**	12.00	**9.40**	9.74	40.55	" "
Harmony G.	10.39	17.00	**19.18**	4.00	**6.27**	12.00	**10.66**	9.44	44.06	" "
Harmony G.	8.62	16.00	**18.89**	3.00	**4.18**	16.00	**11.40**	13.23	43.68	" "
Ellicott City	6.83	20.00	**20.09**	4.50	**5.48**	8.00	**6.86**	10.50	50.24	" "
Harmony G.	7.92	20.00	**20.88**	4.50	**6.03**	7.50	**5.70**	8.03	51.44	" "
Sykesville	9.39	16.00	**17.72**	4.50	**5.92**	5.00	**4.85**	9.68	52.44	" "
Baltimore	7.76	13.50	**15.45**	4.00	**5.77**	7.00	**4.42**	3.58	63.02	" "
Harmony G.	9.15	18.00	**17.38**	4.50	**5.67**	5.00	**4.28**	7.76	55.76	" "
Harmony G.	12.87	10.00	**11.14**	2.00	**2.10**	4.00	**2.21**	1.50	70.18	" "
Harmony G.	10.63	16.00	**17.81**	4.50	**5.40**	5.50	**5.32**	8.75	52.09	" "
Sykesville	10.12	11.00	**10.97**	2.00	**2.78**	3.00	**1.76**	1.48	72.89	" "
Harmony G.	9.14	18.00	**18.95**	4.00	**5.72**	5.00	**4.36**	8.87	52.96	" "
Ellicott City	11.27	10.00	**10.79**	2.00	**2.39**	4.00	**2.88**	2.18	70.49	A.
Ellicott City	12.68	18.00	**19.74**	4.00	**6.47**	7.00	**6.94**	9.54	44.63	As declared on sack
Harmony G.	8.75	12.00	**13.42**	4.00	**4.06**	10.00	**7.92**	7.55	58.30	" "
Harmony G.	7.47	12.00	**13.25**	3.00	**3.26**	16.50	**13.84**	7.28	54.90	" "
Denton	7.30	20.00	**22.11**	5.00	**6.36**	8.00	**7.14**	11.40	45.69	" "
Denton	9.03	15.00	**17.02**	4.00	**5.11**	6.00	**4.28**	9.12	55.44	C.
Denton	9.05	12.00	**17.02**	5.00	**5.03**	6.00	**4.51**	13.66	50.73	As declared on sack
Denton	9.03	12.00	**14.48**	3.00	**3.62**	7.00	**9.06**	6.46	57.35	" "

X—Fat as determined by the Roese-Gottlieb Method.
A—Also detected Split Green Peas.
B—Ingredients on sack differ from license.
C—Also detected Ground Wheat.

MANUFACTURER AND ADDRESS	NAME OF FEED
Nuttle Milling Co., Denton, Md. (Cont.)	Pure Wheat Middlings
" "	Ideal Chick Starter, with DBM. and Cod Liver Oil
" "	Ideal Scratch Feed
" "	Ideal Turkey Mash, with DBM. and Cod Liver Oil
Geo. F. Obrecht, Inc., Baltimore, Md.	Obrecht's 20% Dairy Feed
" "	Obrecht's 20% Dairy Feed
" "	Obrecht's Laying Mash
" "	Obrecht's Poultry Fatner
" "	Obrecht's Starter and Growing Feed
P. Fred'k. Obrecht & Son, Baltimore, Md.	Dried Grains
" " "	‡Dried Grains
" " "	‡PFO. Laying Mash, with DBM.
" " "	PFO. Growing Mash
" " "	*PFO. Starting Chick, with BM.
" " "	‡*PFO. Starting Chick, with BM.
" " "	‡PFO. Chick Grains
" " "	PFO. Scratch
" " "	‡PFO. Scratch
Omaha Flour Mills Co., Omaha, Nebr.	‡Omaha Pure Wheat Bran
" "	‡Omaha Standard Wheat Middlings and Ground Wheat Screenings
Otterdale Milling Co., Taneytown, Md.	Pure Wheat Bran
" "	Pure Wheat Middlings
A. Overholt & Co., Broad Ford, Pa.	‡*Overco Stock Feed
" "	Overco Stock Feed
" "	Overco Stock Feed
" "	Overco Stock Feed
Owings Brothers, York, Pa.	June Bug 22% Dairy Feed
" "	*16% Dairy Feed
" "	June Bug Laying Mash
" "	June Bug Special Scratch Feed
" "	June Bug Scratch Feed
Park & Pollard Co., Buffalo, N. Y.	Milk-Maid 24% Sweetened Dairy Ration
" "	Manamar 20% Dairy Ration
" "	Lay or Bust Dry-Mash
" "	‡Park and Pollard Broiler Ration
" "	Manamar Complete Ration
" "	Intermediate Chick Feed
" "	Park and Pollard Chick Scratch
Horace G. Payne, Snow Hill, Md.	Payne's Laying Mash
" "	Payne's Growing Mash
" "	Pure Wheat Middlings
	Payne's Starting Mash

‡ Not Licensed at time of Sale.
* Means deficient in Protein or Fat.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Denton	11.74	12.00	15.36	2.00	3.71	4.00	3.67	3.40	62.12	As declared on sack
Denton	9.54	15.00	16.76	4.50	5.45	6.00	4.13	7.84	56.28	C.
Denton	10.39	9.00	10.71	2.50	2.82	5.00	3.96	2.18	69.94	As declared on sack
Denton	8.21	18.00	18.43	4.50	6.09	8.00	6.69	8.56	52.02	" "
Towson	9.45	20.00	21.88	4.50	5.30	12.00	10.59	8.13	44.65	A.
Baltimore	6.66	20.00	19.13	4.50	4.61	12.00	11.86	7.87	49.87	As declared on sack
Baltimore	9.52	20.00	19.92	4.00	5.84	9.00	6.89	12.61	45.22	" "
Baltimore	9.89	13.00	15.97	4.50	5.13	6.00	3.71	5.72	59.58	" "
Baltimore	9.43	16.00	16.67	4.00	6.00	7.00	5.88	7.45	54.57	" "
Cooksville	2.82	17.00	16.67	6.00	7.17	17.00	16.89	2.37	54.08	" "
Detour	4.25	17.00	20.09	6.00	5.87	17.00	15.51	3.45	50.83	" "
Baltimore	8.99	20.00	23.08	4.00	5.94	8.00	7.12	8.34	46.53	B.
Fallston	8.67	18.00	20.71	3.50	5.63	8.00	5.90	2.24	56.85	As declared on sack
Fallston	7.83	14.00	20.45	4.00	3.35	5.00	6.43	10.86	51.08	B.
Medford	7.60	14.00	20.53	4.00	3.30	5.00	6.74	10.50	51.33	B.
Fallston	9.78	9.00	13.42	2.00	3.12	4.00	3.12	6.88	63.68	As declared on sack
Baltimore	10.53	9.00	10.09	2.00	1.98	4.00	2.51	1.86	73.03	C.
Fallston	10.05	9.00	10.62	2.00	2.25	4.00	2.73	11.02	63.33	C.
Frederick	8.12	15.00	17.90	3.50	4.72	11.00	10.19	7.37	51.70	As declared on sack
Frederick	9.42	15.00	16.06	3.50	3.63	8.00	7.99	6.88	56.02	" "
Taneytown	8.07	16.00	15.45	3.50	3.08	9.50	10.82	7.00	55.58	" "
Taneytown	8.01	15.00	16.67	2.50	4.71	3.00	4.72	4.41	61.48	" "
Maugansville	6.97	18.00	16.46	4.50	7.31	18.50	17.88	2.52	48.86	As declared on sack
Maugansville	6.29	18.00	17.38	4.50	7.32	18.50	16.73	3.34	48.95	" "
Middleburg	4.18	18.00	17.86	4.50	8.24	18.50	13.03	2.33	54.36	" "
Barnesville	7.13	18.00	17.11	4.50	6.75	18.50	17.61	1.98	49.42	" "
Parkton	6.82	22.00	23.17	4.00	4.88	11.00	10.68	7.57	46.88	" "
Baltimore	8.36	16.00	14.35	3.00	2.90	12.00	10.79	9.52	54.08	" "
Parkton	6.23	20.00	21.85	4.00	5.62	9.00	6.80	14.27	45.23	" "
Parkton	10.96	9.00	9.65	2.50	2.42	4.00	2.51	1.76	72.70	" "
Baltimore	9.37	9.00	9.92	2.50	2.71	4.00	2.99	1.15	73.86	" "
PocomokeCy.	8.16	24.00	25.65	4.50	4.33	11.00	8.45	7.38	46.03	" "
Salisbury	10.00	20.00	21.29	4.00	3.54	9.00	7.48	8.05	49.64	" "
Princess Anne	8.74	18.00	20.18	3.00	4.62	7.00	5.36	10.60	50.50	" "
Princess Anne	9.09	16.00	17.55	3.50	4.36	5.00	5.58	7.04	56.38	" "
Princess Anne	8.95	16.00	17.90	3.50	5.17	6.00	6.57	7.82	53.59	" "
Princess Anne	10.20	10.00	10.71	3.00	3.39	3.50	1.89	1.70	72.11	" "
Pocomoke Cy	10.93	10.00	12.02	3.00	3.14	3.00	2.06	1.76	70.09	" "
Snow Hill	9.09	19.00	19.48	4.50	5.30	7.00	6.13	9.50	50.50	" "
Snow Hill	9.72	16.00	17.29	4.00	4.10	7.00	5.41	7.54	55.94	" "
Snow Hill	10.13	14.00	14.48	3.50	3.85	10.00	3.42	3.00	65.12	" "
Snow Hill	8.59	15.00	18.69	4.00	4.19	6.00	6.42	7.36	54.75	B.

C—Fibre guarantee on sack differs from license. Also detected Fine Ground Oats.
A—Also detected Ground Screenings in a amount exceeding that normally found in the ingredient "wheat bran with mill run screenings."
B—Ingredients on sack differ from license.
C—Unable to detect Milo Maize, Kaffir Corn, Buckwheat and Sunflower Seed.

MANUFACTURER AND ADDRESS	NAME OF FEED
Pecos Valley Alfalfa Mill Co., Hagerman, N. M.	Pevee Alfalfa Leaf Meal
" "	Alfalfa Meal
" "	Alfalfa Meal
Penick & Ford Ltd., Inc., Cedar Rapids, Iowa	Douglas Corn Gluten Meal
" "	Douglas Corn Gluten Feed
" "	Douglas Corn Gluten Feed
" "	Douglas Corn Gluten Feed
Penn Grains & Feed Co., Philadelphia, Pa.	‡"Peerless" Brewers' Dried Grains
Perkins Oil Co., Inc., Memphis, Tenn.	Golden Rod Brand Cottonseed Meal
" "	Golden Rod Brand Cottonseed Meal
" "	Golden Rod Brand Cottonseed Meal
Pillsbury Flour Mills Co., Minneapolis, Minn.	Pillsbury's Hard A. Wheat Middlings and Screenings
Maurice Pincoffs Co., Houston, Texas	41% Protein Cottonseed Meal
" "	41% Protein Cottonseed Meal
" "	41% Protein Cottonseed Meal
Pittsburgh Melting Co., Pittsburgh, Pa.	Steel City Meat and Bone Scrap
Pittsburgh Plate Glass Co., Red Wing, Minn.	*Red Wing Linseed Meal
" " "	Red Wing Linseed Meal
Planters Cotton Oil Co., Dallas, Texas	43% Protein Cottonseed Meal Prime Quality
Planters Edible Oil Co., Suffolk, Va.	Planters "41" Peanut Meal
" "	Planters "41" Peanut Meal
" "	Planters "41" Peanut Meal
" "	Planters "41" Peanut Meal
" "	Planters "41" Peanut Meal
Pratt Food Co. Hammond, Ind.	Pratts Sweet 32% Dairy Feed
" "	Pratts Sweet 24% Dairy Feed
" "	‡Pratts 24% Dairy Feed
" "	Pratts B-P Dairy Feed
" "	Pratts Sweet 20% Dairy Feed
" "	Pratts Sweet 16% Dairy Feed
" "	Pratts Cak-Cak Egg Mash, with Buttermilk, Fish, Meat etc.
" "	Pratts Cak-Cak Egg Mash, with Buttermilk, Fish, Meat, etc.
" "	Pratts Laying Mash, with BM.
" "	Iroquois Growing Mash
" "	Pratts Growing Mash, with BM.
" "	Pratts Broiler Mash, with BM.
" "	Pratts Horse Feed
" "	Pratts All Mash Chick Starter, with BM.
" "	Pratts Baby Chick Food, with BM.
" "	Pratts Circle A. Chick Scratch Feed.

‡ Not Licensed at time of Sale.
* Means deficient in Protein or Fat.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Frederick	8.83	20.00	20.62	2.50	4.19	18.00	17.78	11.88	36.70	As declared on sack
Baltimore	6.27	13.00	13.86	1.50	1.37	33.00	32.03	8.92	37.55	" "
Keymar	6.53	13.00	14.04	1.50	1.42	33.00	30.51	8.80	38.70	" "
Baltimore	7.23	43.00	46.07	1.00	1.29	4.00	4.05	2.79	38.57	As declared on sack
Baltimore	8.57	25.00	25.10	1.50	2.59	8.50	9.01	6.03	48.70	" "
Keymar	8.97	25.00	26.54	1.50	2.16	8.50	8.15	6.67	47.51	" "
Chestertown	10.89	25.00	25.62	1.50	1.90	8.50	8.82	7.22	45.55	" "
Providence	5.13	24.00	27.03	6.00	6.07	18.00	15.65	3.69	42.43	" "
Westminster	6.73	41.00	41.16	6.00	7.35	10.00	9.45	7.31	28.00	" "
Barnesville	6.37	41.00	41.07	6.00	6.43	10.00	10.03	7.46	28.64	" "
Gaithersburg	6.59	41.00	41.51	6.00	6.64	10.00	9.62	7.88	27.76	" "
Glyndon	9.12	16.00	19.74	4.00	5.59	6.00	4.47	3.87	57.21	" "
Taneytown	6.35	41.00	42.30	5.00	6.82	14.00	10.74	5.68	28.11	" "
Taneytown	7.05	41.00	41.51	5.00	6.12	14.00	11.29	5.72	28.31	" "
Baltimore	7.55	41.00	41.07	5.00	6.62	14.00	12.65	6.09	26.02	" "
Mt. Lake Pk.	5.57	50.00	51.86	5.00	11.46	3.00	1.98	26.80	2.33	" "
Centreville	8.37	37.00	38.79	6.00	4.92	9.00	7.21	5.70	35.01	A.
Frederick	8.79	37.00	38.96	5.00	5.27	9.00	7.47	5.58	33.93	" "
Colora	6.08	43.00	42.47	6.00	6.94	12.00	11.38	5.22	27.91	" "
Cardiff	6.23	41.00	41.24	6.00	9.76	10.00	4.92	6.20	31.65	As declared on sack
Aldino	5.49	41.00	43.00	6.00	9.25	10.00	5.08	5.48	31.70	" "
Bel Air	7.48	41.00	41.86	6.00	10.73	10.00	4.54	5.92	29.47	" "
Baltimore	6.14	41.00	41.86	6.00	9.34	10.00	5.97	5.46	31.23	" "
Frederick	6.53	41.00	43.53	6.00	9.32	10.00	5.03	5.46	30.13	" "
Chestertown	8.05	32.00	33.18	4.50	4.95	9.00	6.68	7.88	39.26	" "
Colora	8.11	24.00	24.99	4.00	4.35	9.00	8.35	8.57	45.63	" "
Chestertown	8.12	24.00	25.71	4.00	4.77	9.00	8.27	9.92	43.21	" "
Frederick	9.73	21.00	22.12	4.00	4.30	10.00	8.63	8.94	46.28	" "
Sudlersville	9.32	20.00	21.66	4.00	4.12	12.00	9.67	8.39	46.84	" "
Colora	8.46	16.00	15.98	4.00	3.59	12.00	11.31	8.25	52.41	" "
Frederick	9.13	18.00	18.60	4.00	5.19	8.00	5.99	7.63	53.46	" "
Chestertown	9.38	18.00	18.34	4.00	5.31	8.00	6.24	8.10	52.63	" "
Baltimore	9.55	20.00	21.50	4.50	6.15	6.75	5.99	10.86	45.95	" "
Preston	7.88	16.00	18.78	4.00	5.36	6.00	6.06	8.64	53.28	" "
Baltimore	9.95	17.50	18.87	4.50	5.08	6.00	6.26	10.35	49.49	" "
Centreville	9.15	16.50	17.81	4.50	4.16	6.00	5.03	10.04	53.81	" "
Centreville	8.98	9.00	11.28	2.00	4.19	10.00	5.79	3.96	65.80	" "
Berwyn	8.79	16.00	17.11	4.00	4.18	4.00	3.54	8.24	58.14	" "
Centreville	10.04	16.00	17.29	3.50	3.82	4.00	3.73	7.64	57.48	" "
Centreville	12.11	10.00	11.67	2.00	2.03	4.00	1.47	1.44	71.28	" "

A—Fat guarantee on sack differs from license.

MANUFACTURER AND ADDRESS	NAME OF FEED
Pratt Food Co., Hammond, Ind. (Cont.)	Pratts Scratch Feed
" "	Pratts Scratch Feed
" "	Pratts Intermediate Scratch Feed
" "	Pratts Wheat and Corn Scratch Feed
" "	Pratts Circle A. Scratch Feed
" "	Pratts Utility Scratch Feed
" "	Pratts Pigeon Feed No Corn
" "	Pratts Turkey Starter, with BM.
" "	Pratts Rabbit Feed, with BM.
" "	Pratts Complete Rabbit Pellets
Princess Anne Milling Co. **Princess Anne, Md.**	‡Pure Wheat Bran
	‡Pure Wheat Middlings
Proctor & Gamble Distributing Co. **Cincinnati, Ohio**	P. & G. Cocoanut Oil Meal
	P. & G. Cocoanut Oil Meal
Prospect Mill, Bel Air, Md.	20% Dairy Feed
" "	16% Dairy Feed
" "	Laying Mash
Quaker Oats Co., Chicago, Ill.	Quaker 24% Protein Dairy Ration
" "	Quaker 16% Protein Dairy Ration
" "	Big Egg Laying Mash
" "	Quaker Ful-O-Pep Egg Mash
" "	Quaker Ful-O-Pep Growing Mash
" "	Quaker Ful-O-Pep Broiler Mash
" "	North Star Oatmeal
" "	Vim Feed
" "	Quaker Ful-O-Pep Chick Starter
" "	Quaker Ful-O-Pep Fine Chick Feed
" "	Quaker Ful-O-Pep Scratch Grains
Queen Anne Roller Mills, Queen Anne, Md.	Queen Anne Poultry Mash
" " "	Pure Wheat Bran
" " "	Pure Wheat Middlings
Ralston Purina Co., St. Louis, Mo.	Purina Red Checker Cow Chow
" "	Purina Green Checker Cow Chow
" "	Purina Blue Checker Cow Chow
" "	Purina Bulky Cow Cow
" "	Purina All Mash Egg Chowder
" "	Purina Layena (Complete-All Mash)
" "	Purina Hen Chow
" "	Purina Broiler Chow
" "	Purina Breeder Egg Chowder
" "	Purina Bulky Omolene
" "	Corn Feed Meal
" "	Purina Chick Growena (Complete-All Mash)
" "	Purina Chick Chow (Fine)
" "	Purina Chick Chow (Coarse)
" "	Purina Chicken Fat Chow
" "	Purina Chicken Fatena

‡ Not Licensed at time of Sale.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS	
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND				
Berwyn	9.33	10.00	12.90	2.00	3.11	4.00	3.51	1.87	69.28	"	"
Baltimore	9.70	10.00	11.76	2.00	2.75	4.00	2.69	2.40	70.70	"	"
Baltimore	10.78	10.00	11.85	2.00	3.08	4.00	2.10	1.50	70.69	A.	
Berwyn	11.47	10.00	10.71	2.00	2.95	4.00	2.58	1.54	70.75	As declared on sack	
Baltimore	11.89	10.00	10.53	2.00	3.11	4.00	2.51	1.50	70.46	"	"
Chestertown	11.21	10.00	10.53	2.00	3.08	4.00	2.25	1.50	71.43	"	"
Baltimore	10.82	12.00	14.04	2.00	3.52	4.00	4.09	2.14	65.39	"	"
Centreville	8.74	21.50	23.69	4.50	5.35	11.00	9.62	10.90	41.70	As declared on sack	
Baltimore	10.36	14.00	17.38	3.00	4.42	10.00	6.47	6.35	55.02	"	"
Baltimore	9.24	14.00	14.13	2.00	3.77	20.00	19.35	7.50	46.01	"	"
Princess Anne	7.15	14.00	15.62	3.50	3.47	9.00	10.31	7.26	56.19	"	"
Princess Anne	10.01	13.00	15.27	3.50	3.44	10.00	5.50	4.10	61.68	"	"
Baltimore	6.23	20.00	19.39	5.00	9.43	11.00	13.03	7.21	44.71	"	"
Hagerstown	5.50	20.00	20.01	5.00	6.59	11.00	15.25	7.90	44.75	"	"
Bel Air	9.07	20.00	20.71	4.00	4.53	9.00	8.51	6.14	51.04	"	"
Bel Air	8.70	16.00	16.76	4.00	4.07	9.00	8.55	6.06	55.86	"	"
Bel Air	7.43	20.00	21.02	5.00	5.21	7.00	6.20	9.57	50.57	"	"
Owings Mills	8.00	24.00	24.91	4.00	4.46	12.00	11.22	8.87	42.54	"	"
Owings Mills	8.76	16.00	16.32	3.50	3.48	13.50	12.64	8.80	50.00	"	"
Manchester	7.70	18.00	18.60	4.00	6.32	8.00	8.02	7.75	51.61	"	"
Baltimore	9.23	20.00	21.34	4.50	5.91	8.00	5.93	8.55	49.04	"	"
Baltimore	8.89	19.00	19.97	5.00	6.35	6.00	5.18	14.95	44.66	"	"
Baltimore	8.01	19.00	19.56	5.00	6.59	7.00	4.86	6.59	54.39	"	"
Baltimore	6.89	16.00	16.32	6.00	5.98	3.50	2.59	2.38	65.84	"	"
Baltimore	5.62	5.00	5.97	2.00	1.99	30.00	29.03	6.84	50.55	"	"
Baltimore	9.51	17.00	17.28	5.00	5.83	7.00	4.66	5.44	57.28	"	"
Baltimore	10.04	11.00	11.41	2.50	2.49	2.00	2.06	1.55	72.45	"	"
Baltimore	10.28	9.00	9.65	2.00	2.78	3.00	2.11	1.37	73.81	"	"
Queen Anne	10.51	19.00	19.74	5.00	5.41	7.00	6.82	10.51	57.01	As declared on sack	
Queen Anne	8.68	14.00	14.39	3.00	3.30	9.00	9.06	6.30	58.27	"	"
Queen Anne	11.61	13.00	14.74	3.00	4.21	6.00	3.76	3.74	61.94	"	"
Lewistown	10.54	34.00	35.08	3.00	4.36	12.00	10.54	5.96	33.52	"	"
Walkersville	9.21	24.00	25.26	3.00	4.35	12.00	10.50	6.99	43.69	"	"
Sykesville	10.66	20.00	20.74	3.00	4.09	12.00	10.53	6.47	47.51	"	"
Towson	9.77	16.00	17.98	3.00	3.80	12.00	9.55	6.89	52.01	"	"
Baltimore	7.35	15.50	17.55	3.50	5.32	8.00	4.90	11.24	53.64	"	"
Hagerstown	8.65	15.50	17.29	3.50	5.27	8.00	5.65	10.55	52.59	"	"
Hyattsville	11.75	10.00	11.06	2.50	6.27	4.00	4.92	1.90	64.10	"	"
Hagerstown	8.86	18.00	20.18	4.00	5.31	7.00	5.25	8.62	51.78	"	"
Hagerstown	7.31	19.00	19.48	3.50	5.15	8.00	8.05	9.49	50.52	"	"
Hyattsville	10.35	10.00	11.70	3.20	4.45	11.00	8.66	3.96	60.88	"	"
Towson	8.86	8.50	9.65	3.00	4.68	5.00	2.98	1.80	72.03	"	"
Baltimore	9.04	15.00	16.76	3.50	5.50	7.00	6.29	6.20	56.21	"	"
Baltimore	10.76	10.00	11.41	2.00	2.99	4.00	2.33	1.82	70.69	"	"
Baltimore	11.57	10.00	10.53	2.50	3.20	4.00	2.08	1.24	71.38	"	"
Taneytown	8.03	15.50	17.46	3.00	4.16	5.00	4.85	4.52	60.98	"	"
Taneytown	8.60	12.00	14.22	3.00	4.19	6.60	6.02	3.40	63.57	"	"

A—Also detected Barley.

MANUFACTURER AND ADDRESS	NAME OF FEED
Ralston Purina Co., St. Louis, Mo. (Cont.)	Protena Scratch Feed (Buffalo Mill)
" "	Purina Pigeon Chow
" "	Purina Pigeon Chow Containing Corn
" "	Purina Rabbit Chow (Complete Ration)
" "	Purina Turkey Growing and Fattening Chow
A. F. Rees, Hanover, Pa.	Rees' Meat and Bone Scrap
Reindollar Co., Taneytown, Md.	20% Dairy Ration
" "	16% Sweet Dairy Feed
" "	Egg Mash
" "	Starting and Growing Mash
" "	Pig and Hog Meal
" "	Pure Winter Wheat Bran
" "	Winter Wheat Middlings, with Mill Run of Scourings
" "	Scratch Grains
Richards Milling Co., Cortland, Ohio	†Richards' Cash Dairy Feed
" "	*Richards' 16% Dairy Feed
" "	Richards' Cash Laying Mash
" "	Richards' Mixed Grains for Poultry
" "	Richards' Starting Mash
" "	Richards' Special Chop
" "	Pure Wheat Bran
" "	Fancy Winter Wheat Middlings
" "	Richards' Baby Chick Feed
" "	‡Richards' Thrift Scratch Grains
Richardson Brothers, Westminster, Md.	Richbro Walck Laying Mash
" "	Richbro Growing Mash
" "	Richbro Hog and Pig Meal
" "	Richbro Baby Chick Starter
Rickert Rice Mills, Inc., New Orleans, La.	‡Rice Polish
" " "	‡Rice Meal
Daniel Rider, Inc., Baltimore, Md.	‡Winner 24% Dairy Feed
" "	Winner 20% Dairy Feed
" "	‡*Winner 20% Dairy Feed
" "	‡Winner 16% Dairy Feed
" "	‡Eager Horse Feed
" "	‡Winner Horse Feed
Rinaman & Brown, Hampstead, Md.	Brown's Egg Mash
Robin Hood Mills Ltd., Moose Jaw, Canada	‡Superior Oat Middlings
Robinson Brothers, Cardiff, Md.	Robinson's 32% Dairy Feed
" "	Robinson's 24% Dairy Feed
" "	Robinson's 20% Dairy Feed
" "	Robinson's Laying Mash

* Means deficient in Protein or Fat.
† Means deficient in both Protein and Fat.
‡ Not Licensed at time of Sale.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Hyattsville	12.84	9.50	10.00	2.00	2.94	4.00	2.44	1.50	70.28	As declared on sack
Towson	9.49	13.50	13.86	2.00	2.47	4.00	3.24	2.08	68.86	" "
Towson	9.49	12.50	13.42	2.00	2.89	4.00	3.21	1.86	69.13	" "
Baltimore	11.42	13.50	15.95	2.50	3.03	16.00	10.31	5.56	53.73	" "
Towson	8.25	21.00	23.02	3.50	5.30	8.00	5.68	7.80	49.95	" "
Frederick	6.04	50.00	53.62	10.00	11.46	2.25	1.48	24.46	2.94	" "
Taneytown	8.04	20.00	22.82	4.00	4.02	12.50	8.00	7.32	49.80	As declared on sack
Taneytown	11.07	16.00	17.61	3.00	3.13	11.00	12.90	7.67	47.62	" "
Taneytown	7.98	20.00	21.76	4.00	4.88	8.00	6.53	11.77	47.08	" "
Taneytown	7.69	16.00	18.08	4.50	5.23	6.00	5.05	9.11	54.84	A.
Taneytown	8.39	16.50	18.78	4.50	4.12	7.00	5.78	8.60	54.33	As declared on sack
Taneytown	10.23	14.00	15.27	4.00	3.79	9.00	10.33	6.99	53.39	" "
Taneytown	8.09	16.00	18.69	4.50	5.60	5.00	5.57	4.87	57.18	" "
Taneytown	10.30	9.00	11.06	2.00	2.40	5.00	2.35	1.60	72.29	" "
Cumberland	8.97	24.00	20.44	4.50	2.82	10.00	11.66	5.24	50.87	B.
Cumberland	8.65	16.00	16.28	4.00	1.91	12.00	14.60	6.21	52.35	As declared on sack
Cumberland	8.66	20.00	20.01	3.00	4.54	6.90	6.84	8.28	51.67	" "
Cumberland	12.31	9.00	9.65	2.50	2.29	6.00	2.35	1.34	72.06	C.
Cumberland	8.26	18.00	19.48	3.00	5.86	6.90	3.99	9.60	52.81	As declared on sack
Cumberland	8.17	8.00	9.39	3.00	3.73	12.00	11.92	5.20	61.59	" "
Cumberland	9.01	15.00	17.72	3.50	4.59	10.00	9.55	6.26	52.87	" "
Cumberland	8.77	15.00	15.36	3.00	3.03	10.00	2.59	2.36	67.89	" "
Cumberland	11.30	9.00	10.97	2.50	3.38	6.00	1.87	1.62	70.86	" "
Cumberland	10.17	9.00	10.32	2.50	2.79	6.00	2.47	1.32	72.93	"
Westminster	7.83	20.00	21.94	5.00	4.78	9.00	6.58	9.58	49.29	D.
Westminster	6.94	16.00	18.25	4.50	4.79	4.50	3.68	5.81	60.53	" "
Westminster	9.11	15.00	15.53	5.00	4.51	7.00	5.47	5.72	59.66	C.
Westminster	9.74	12.50	13.34	4.00	4.61	3.25	3.18	6.37	62.76	" "
Baltimore	13.77	12.00	16.94	12.00	17.70	2.50	3.32	8.26	40.01	As declared on scck
Baltimore	7.73	11.00	14.22	8.00	15.26	11.00	13.27	10.60	38.92	" "
Baltimore	9.18	24.00	26.58	4.30	4.17	10.00	6.08	5.75	48.24	E.
Baltimore	8.21	20.00	19.79	4.00	3.60	11.00	8.72	7.27	52.41	C.
Baltimore	10.75	20.00	18.68	4.00	4.32	11.00	8.91	7.83	49.51	C.
Baltimore	10.85	16.00	16.38	3.00	2.90	11.00	11.69	9.54	48.64	C.
Baltimore	10.90	7.00	8.87	2.00	2.74	12.00	6.22	2.93	68.34	C.
Baltimore	10.07	9.00	11.28	2.00	3.22	9.00	7.00	3.37	65.06	As declared on sack
Hampstead	8.34	20.00	20.45	4.50	4.60	8.00	7.07	8.40	51.14	" "
Baltimore	7.53	16.00	16.67	6.00	8.51	4.00	2.05	2.16	63.08	
Cardiff	11.37	32.00	31.48	5.00	4.72	9.50	7.79	8.15	36.49	" "
Cardiff	9.21	24.00	25.08	5.00	4.80	10.00	9.17	9.54	42.20	" "
Cardiff	9.51	20.00	20.73	4.50	4.01	10.00	9.18	8.45	48.12	" "
Cardiff	10.30	20.00	20.08	4.75	5.08	10.00	6.06	10.51	47.97	" "

A—Also detected Ground Wheat.
B—Unable to detect Soyabean Oil Meal—also detected Malt Sprouts.
C—Ingredients on sack differ from license.
D—Fibre guarantee on sack differs from license.
E—Also detected Ground Barley.

MANUFACTURER AND ADDRESS	NAME OF FEED
Robinson & Jackson, Baltimore, Md.	Rob-Jack Brand Rye Distillers Grains
" "	Rob-Jack Brand Rye Distillers Grains
" "	Rob-Jack Brand Rye Distillers Grains
Ronck & Bevis Co., Philadelphia, Pa.	Ro-Be Fish Meal
" " "	*Ro-Be Fish Meal
" " "	*Ro-Be Fish Meal
" " "	†Ro-Be Fish Meal
" " "	Ro-Be Fish Meal
" " "	‡Ro-Be Fish and Crab Meal
" " "	‡Ro-Be Dried Vegetables for Animal Feeding
" " "	‡Ro-Be Condensed Soured Skimmilk
Rotex Milling Co., Cleveland, Ohio	‡Rotex Dairy Feed 24% Protein
" " "	Rotex Egg Mash
Sigmond Rothchild Co., Houston, Texas	41% Protein Cotton Seed Meal
" " "	41% Protein Cotton Seed Meal
" " "	41% Protein Cotton Seed Meal
C. E. Routzahn Co., Breathedsville, Md.	‡Dairy Feed
" " "	‡*Hog Feed
" " "	‡*Pure Wheat Bran
" " "	‡Pure Wheat Middlings
Rowlandville Flour Mills, Rowlandville, Md.	Pure Wheat Bran
" " "	Corn and Re-Ground Oat Feed
" " "	*Pure Gray Shorts
Wm. G. Scarlett & Co., Baltimore, Md.	Oriole Brand AAA Pigeon Feed
" " "	Oriole Brand AA Pigeon Feed
" " "	Oriole Brand Special Pigeon Feed
Wm. Schluderberg-T. J. Kurdle Co., Baltimore, Md.	Esskay Quality Meat and Bone Scrap
" " "	Esskay Quality Meat and Bone Scrap
" " "	Esskay Quality Meat Scrap
" " "	Esskay Quality Meat and Bone Scrap
" " "	Esskay Quality Meat and Bone Scrap
" " "	Esskay Quality Meat Meal
" " "	Esskay Quality Digester Tankage
" " "	Esskay Quality Poultry Bone
Charles H. Seward, Geo. F. Scheeler, Prop., Raspeburg, Md.	Golden Glow Laying Mash
	Seward's Superior Scratch Grains
B. F. Sheesley, Harrisburg, Pa.	‡Sheesley's Champion Live Stock Feed
Shellabarger Grain Products Co., Decatur, Ill.	Cooked Soybean Oil Meal. Expeller Process
Shellabarger Mill & Elevator Co., Salina, Kansas	‡Wheat Bran & Screenings
Shenandoah Milling Co., Inc., Shenandoah, Va.	‡Blue Ridge Feed
" " "	Winter Wheat Bran

‡ Not Licensed at time of Sale.
† Means deficient in both Protein and Fat.
* Means deficient in Protein or Fat.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Darlington	8.15	16.00	16.50	5.00	5.63	20.00	16.33	2.50	50.89	As declared on sack
Bel Air	8.65	16.00	16.67	5.00	7.27	20.00	17.12	1.74	48.55	" "
Baltimore	16.20	16.00	15.62	5.00	7.01	20.00	11.34	1.45	48.38	" "
Cambridge	8.26	55.00	60.99	5.00	5.50	3.00	.73	23.03	1.49	A.
St. Michaels	9.36	55.00	57.13	5.00	4.34	3.00	5.00	22.00	2.17	A.
Cambridge	7.14	55.00	56.03	5.00	3.51	3.00	5.12	24.00	4.20	B.
Cambridge	8.21	55.00	50.46	5.00	3.34	3.00	6.51	27.14	4.34	As declared on sack
St. Michaels	6.89	55.00	58.97	5.00	7.03	3.00	2.59	18.80	5.72	" "
Berlin	7.95	50.00	50.72	4.00	4.58	5.00	4.85	26.96	4.94	" "
Germantown	6.60	15.00	24.04	5.00	8.55	19.00	16.08	3.32	41.41	A.
Chewsville	.....	11.00	13.25	0.02	x.20	.....	.....	.....	.....	" "
Cumberland	8.01	24.00	27.72	2.50	3.57	12.00	11.68	6.30	42.72	" "
Hancock	8.48	18.00	21.24	4.00	4.64	7.00	5.80	5.23	54.61	" "
Ellicott City	7.62	41.00	41.07	5.00	6.93	14.00	12.59	6.20	25.59	" "
Westminster	6.74	41.00	40.72	5.00	6.64	14.00	12.33	5.82	27.75	" "
Aldino	5.80	41.00	42.21	5.00	6.25	14.00	13.45	5.60	26.69	" "
Breathedsv'e	9.30	16.00	16.41	3.00	4.27	8.00	7.08	5.20	57.74	C.
Breathedsv'e	8.38	17.00	15.27	4.00	3.54	5.00	4.51	9.00	59.30	F.
Breathedsv'e	8.76	15.00	16.50	4.00	2.81	8.00	9.14	6.24	56.55	As declared on sack
Breathedsv'e	10.92	15.00	14.30	3.00	2.73	3.00	1.80	2.30	67.95	" "
Rowlandville	8.96	14.00	15.80	4.00	3.81	9.00	8.71	7.40	55.32	As declared on sack
Rowlandville	7.89	9.00	9.83	3.00	3.12	11.00	13.48	4.01	61.67	" "
Rowlandville	9.88	15.00	14.13	4.50	3.41	6.00	3.76	3.82	65.00	" "
Baltimore	8.89	16.00	16.94	3.00	3.86	4.00	5.44	2.30	62.57	G.
Baltimore	8.66	13.00	12.90	3.50	3.63	4.00	3.32	2.15	69.34	H.
Baltimore	8.94	16.00	16.15	3.00	3.41	4.00	4.51	2.42	64.57	H.
Cambridge	5.39	55.00	55.34	6.00	9.74	5.00	2.47	26.21	.85	As declared on sack
Cambridge	5.77	55.00	55.81	6.00	11.71	5.00	1.89	24.74	.08	" "
Grantsville	4.13	50.00	50.37	6.00	11.42	5.00	2.30	31.73	.05	I.
Baltimore	6.15	50.00	52.82	6.00	9.87	5.00	2.51	28.51	.14	As declared on sack
Taneytown	5.44	45.00	45.81	6.00	9.45	5.00	1.70	35.76	1.84	" "
Baltimore	5.37	46.00	46.23	10.00	11.89	5.00	1.90	33.37	1.24	J.
Baltimore	5.63	60.00	60.38	8.00	7.72	5.00	1.35	23.87	1.05	K.
Baltimore	5.36	20.00	22.81	2.00	3.73	5.00	.68	66.43	.98	As declared on sack
Raspeburg	6.78	20.00	21.41	5.00	5.32	7.00	6.12	12.37	48.00	" "
Raspeburg	8.80	10.00	9.65	2.50	3.06	5.00	2.71	1.47	74.31	" "
White Hall	7.00	16.00	16.85	10.00	11.63	12.00	14.04	7.68	42.80	" "
Frederick	6.43	41.00	43.18	4.50	5.71	7.50	6.51	6.17	32.00	" "
Frostburg	9.08	14.50	17.99	3.50	3.97	11.00	9.35	7.54	52.07	" "
Hagerstown	9.32	15.00	16.58	3.00	4.09	9.50	8.73	4.33	56.95	As declared on sack
Medford	8.97	16.00	16.85	4.00	4.91	8.00	8.61	6.97	53.69	" "

A—Fibre guarantee on sack differs from license.
B—Fibre guarantee on sack differs from license. Also contains a large amount of Shell Fish Meal.
C—Also detected Corn Gluten.
X—Fat as determined by the Roese-Gottlieb Method.
G—Also detected Milo Maize.
H—Ingredients on sack differ from license.
I—Should be designated as Meat and Bone Scrap.
J—Should be designated as Digester Meat and Bone. Also detected a large amount of Vegetable Fibrous Material.
K—Also contains an appreciable amount of Vegetable Fibrous Material.
F—Also detected mineral.

MANUFACTURER AND ADDRESS	NAME OF FEED
Sherwin Williams Co., Cleveland, Ohio	Sherwin Williams Co. Pure Old Process Linseed Meal
Chas. R. Shoemaker, Inc., Philadelphia, Pa.	Pureox Brand 55% Beef and Bone Scrap
M. L. Shoemaker & Co., Inc., Phila., Pa.	55% Ground Beef Scrap for Poultry
" " "	55% Ground Beef Scrap for Poultry
" " "	50% Ground Meat & Bone Scrap for Poultry
" " "	Pure Ground Fish Meal
W. G. Slugg, Milwaukee, Wis.	‡Slugg's Dried Buttermilk
" "	Slugg's Dried Buttermilk Feed
D. P. Smelser & Son, New Windsor, Md.	*Smelser's Bran
" "	Smelser's Middlings
H. Ray Smith, Doubs, Md.	Laying Mash
" "	‡Pure Wheat Bran
" "	‡Pure Wheat Middlings
Southern States CooperativeMills, Inc., Baltimore, Md.	*32% Supplement Dairy Feed
" " "	32%Supplement Dairy Feed
" " "	Milkmaker
" " "	20% Emergency Dairy
" " "	20% Emergency Dairy
" " "	Exchange Dairy
" " "	18% Emergency Dairy
" " "	*‡Rye Distillers' Grains and Molasses Feed
" " "	Market Laying Mash
" " "	Laying Mash, with Alfalfa Meal
" " "	Super Laying Mash
" " "	Super Laying and Breeding Mash
" " "	Growing Mash
" " "	‡All Mash Starter
" " "	Starting and Growing Mash
" " "	Broiler Mash
" " "	Hog Feed
" " "	Corn Feed Meal
" " "	Coarse Scratch
" " "	Chick Scratch
" " "	Emergency Scratch
" " "	Super Coarse Scratch
Southwestern Milling Division of Standard Milling Co., Kansas City, Mo.	Red Turkey Pure Wheat Bran
Spencer Kellogg & Sons, Inc., Buffalo, N. Y.	Kellogg's 34% Protein Pure Old Process Linseed Meal
" " "	‡Kellogg's 32% Protein Pure Old Process Linseed Meal
" " "	Diamond K Linseed Meal, with Flaxseed Screenings Oil Feed 30% Protein

‡ Not Licensed at time of Sale.
* Means deficient in Protein or Fat.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Gaithersburg	7.27	34.00	41.07	5.00	5.54	10.00	7.22	5.52	33.38	As declared on sack
Princess Anne	5.76	55.00	55.55	10.00	10.86	2.00	2.32	24.90	.61	" "
Pocomoke Cy	4.96	55.00	57.39	6.00	11.64	3.00	1.77	23.32	.92	" "
Pocomoke Cy	5.29	55.00	56.51	6.00	11.01	3.00	2.03	24.60	.56	" "
Pocomoke Cy	5.33	50.00	50.46	6.00	11.75	3.00	2.05	29.09	1.32	" "
Princess Anne	6.62	55.00	58.45	8.00	9.88	3.00	1.20	18.27	5.58	" "
Baltimore	.....	30.00	30.10	5.00	x6.64	.....	.....	7.37	.....	" "
Owings Mills	.....	30.00	30.98	6.00	x5.94	.....	.....	8.35	.....	A.
New Windsor	9.93	15.41	16.32	4.30	3.46	9.08	8.05	6.14	56.10	As declared on sack
New Windsor	9.71	15.40	17.55	3.45	4.68	3.78	3.24	3.58	61.24	" "
Doubs	9.99	16.50	17.81	4.50	5.27	6.00	5.31	8.28	53.34	" "
Doubs	9.16	13.00	16.41	3.00	2.96	10.00	8.40	6.09	56.98	" "
Doubs	10.08	13.00	14.65	3.00	3.30	5.00	2.75	3.03	66.19	" "
Street	9.12	32.00	28.00	4.00	4.86	8.50	8.00	6.63	43.39	B.
Baltimore	8.78	32.00	32.41	4.00	4.08	8.50	7.09	7.17	40.47	As declared on sack
Baltimore	8.01	24.00	24.45	4.00	5.40	8.50	8.29	7.13	46.72	" "
Baltimore	8.16	20.00	19.72	3.00	2.83	12.00	12.75	7.95	48.59	" "
Baltimore	8.74	20.00	19.36	3.00	2.98	12.00	11.73	5.78	51.41	" "
Baltimore	9.57	20.00	20.79	4.00	4.60	8.50	7.40	6.86	50.78	" "
Baltimore	8.62	18.00	19.92	3.00	3.10	12.00	10.96	6.70	50.70	" "
Brunswick	10.19	15.00	13.86	5.00	6.29	24.00	14.08	2.26	53.32	" "
Baltimore	8.80	20.00	20.01	4.00	4.50	7.00	6.18	10.32	50.19	" "
Baltimore	9.01	20.00	20.45	4.00	4.82	7.00	6.82	10.50	48.40	" "
Baltimore	8.78	19.50	19.83	4.00	4.82	7.00	4.87	9.68	52.02	" "
Baltimore	8.30	19.50	19.74	4.00	4.75	7.00	5.56	10.08	51.57	" "
Baltimore	9.03	17.50	17.90	4.00	4.89	6.50	5.61	7.51	55.06	" "
Brunswick	7.12	17.50	18.78	4.00	4.59	6.00	4.54	7.73	57.24	" "
Baltimore	7.22	17.50	18.25	4.00	4.38	6.00	5.02	7.83	57.30	" "
Baltimore	7.69	17.50	18.69	4.00	4.38	6.00	5.24	9.20	54.80	" "
Baltimore	7.22	14.00	14.74	3.50	3.80	6.00	5.80	6.06	62.38	" "
Baltimore	11.10	9.00	9.55	3.00	3.81	3.00	2.62	1.58	71.34	" "
Baltimore	11.44	10.00	11.23	2.50	2.75	4.00	2.21	1.57	70.80	" "
Baltimore	10.25	10.00	11.41	2.50	4.68	3.00	2.03	2.15	69.48	" "
Baltimore	12.46	10.00	10.35	2.50	3.17	3.00	2.06	1.78	70.18	" "
Baltimore	11.57	10.00	10.97	2.50	2.87	3.00	2.03	2.00	70.56	" "
Gaithersburg	10.26	14.50	16.94	3.50	4.00	11.00	9.67	7.18	51.95	" "
Keymar	8.64	34.00	35.80	4.50	5.92	9.00	8.15	5.60	35.89	As declared on sack
Taneytown	8.04	32.00	35.36	4.50	5.48	9.00	8.23	4.65	38.24	" "
La Plata	7.92	30.00	31.06	4.50	5.23	10.00	9.62	6.02	40.15	" "

A—Fat guarantee on sack differs from license.
X—Fat as determined by the Roese-Gottlieb Method.
B—Unable to detect Corn Distillers Dried Grains—also detected Dried Brewers Grains.

MANUFACTURER AND ADDRESS	NAME OF FEED
Spencer Kellogg & Sons, Inc., Buffalo, N. Y. (Continued)	Diamond K Linseed Meal, with Flaxseed Screenings Oil Feed 30% Protein
Sperry Flour Co., San Francisco, Calif.	Millrun (Wheat Mixed Feed)
" " "	Wheat Bran
C. E. Spitzer & Son, Leitersburg, Md.	Pure Wheat Bran
" " "	Pure Wheat Middlings
Springfield Roller Mills, Sykesville, Md.	Hering's Laying Mash, with DBM. and Cod Liver Oil
" " "	Pure Winter Wheat Bran
" " "	Pure Winter Wheat Middlings
St. Michaels Milling Co., St. Michaels, Md.	Quillins Laying Mash
" " "	Quillins Growing Mash, with BM. and Cod Liver Oil
" " "	Pure Wheat Bran
" " "	Wheat Flour Middlings
A. E. Staley Manufacturing Co., Decatur, Ill.	Staley's Soybean Oil Meal
" " "	Staley's Soybean Oil Meal
" " "	Staley's Corn Gluten Feed
" " "	Staley's Corn Gluten Feed
John T. Stanley Co., Inc., New York, N. Y.	‡45% Meat and Bone Scrap
W. E. Stanton, Grantsville, Md.	Stanton's Egg Mash
" "	Pure Corn and Oats Chop
" "	Pure Corn Chop
" "	Stanton's Scratch Grains
Star Food & Remedy Co., Inc., Alexandria, Va.	Star Golden Glow Dairy Ration
" " "	Star Laying Mash, with Milk
" " "	‡Star Broiler Ration
" " "	Star 85% Horse Feed
" " "	Star Scratch Feed
" " "	‡Star Turkey Mash
E. Steen & Brother, Baltimore, Md.	Lady Maryland Dairy Feed
" "	Lady Maryland Dairy Feed
" "	Milk Producer Dairy Feed
" "	Little Boy Blue Dairy Feed
" "	Little Boy Blue Dairy Feed
" "	Blue Bird Laying Mash
" "	Golden Goose Laying Mash, with BM.
" "	‡Golden Goose Fattener Mash
" "	Golden Goose Fattener Mash
" "	Molasses Horse Feed
" "	‡Corn Feed Meal
" "	Blue Hen Scratch Feed
" "	‡Golden Goose Developer Scratch
" " "	Golden Goose Brand Scratch Feed

‡ Not Licensed at time of Sale.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Baltimore	8.08	30.00	31.06	4.50	5.82	10.00	9.29	6.86	38.89	As declared on sack
Baltimore	8.74	16.00	18.60	4.00	4.55	9.50	8.32	3.82	55.97	A.
Baltimore	8.33	14.00	17.90	3.50	3.71	11.00	10.31	5.43	54.32	" "
Leistersburg	10.15	14.00	15.80	4.00	4.02	10.00	9.94	6.42	53.67	" "
Leistersburg	10.36	15.00	17.11	4.50	5.11	4.00	4.45	3.84	59.13	" "
Sykesville	6.79	20.00	20.97	4.00	5.48	8.00	6.11	11.00	49.65	" "
Sykesville	10.08	14.00	14.39	3.00	3.46	9.00	10.33	7.08	54.66	" "
Sykesville	9.85	12.00	13.34	3.00	3.03	4.00	3.03	2.50	68.25	" "
St. Michaels	8.36	20.00	21.41	5.00	5.96	7.00	6.48	9.92	47.87	" "
St. Michaels	8.11	16.00	17.02	4.00	5.58	6.00	5.85	9.42	54.02	" "
St. Michaels	7.68	14.00	14.39	4.00	4.25	11.00	11.71	7.80	54.17	" "
St. Michaels	10.27	14.00	15.27	4.00	4.47	6.00	4.68	4.18	61.13	" "
Baltimore	11.73	41.00	41.68	4.50	5.95	7.00	7.23	6.15	27.26	As declared on sack
Derwood	8.64	41.00	43.00	4.50	5.51	7.00	5.51	6.14	31.20	" "
Baltimore	9.09	25.00	28.78	1.00	6.34	8.00	2.07	7.18	46.54	" "
Westminster	10.58	25.00	29.31	1.00	1.55	8.00	7.40	7.17	43.99	" "
Cumberland	4.13	45.00	50.28	10.00	11.42	3.00	2.30	27.45	4.42	" "
Grantsville	7.44	20.00	20.36	4.00	5.08	8.00	6.04	10.86	50.22	" "
Grantsville	10.69	10.00	10.00	3.00	3.46	8.00	2.34	1.86	71.65	" "
Grantsville	11.87	9.00	9.21	4.00	4.12	3.00	2.20	2.10	70.50	" "
Grantsville	9.69	10.00	10.18	2.50	2.55	5.00	3.29	1.96	72.33	" "
Beltsville	8.38	22.00	27.84	4.50	5.85	12.00	9.23	5.49	43.21	" "
Beltsville	9.70	20.00	20.62	4.50	5.87	7.00	7.50	10.40	45.91	" "
Up. Marlboro	9.55	18.00	19.66	5.00	5.10	7.00	6.47	8.28	50.94	" "
Beltsville	8.83	8.00	10.63	1.00	3.59	12.00	7.32	3.35	66.28	" "
Beltsville	12.11	10.00	10.00	2.50	2.83	5.00	2.37	1.39	71.30	" "
Up. Marlboro	8.69	20.00	21.24	4.50	4.52	7.00	8.94	9.56	47.05	" "
Bel Air	8.03	24.00	24.60	4.00	5.36	9.00	7.92	7.28	46.81	" "
Baltimore	10.61	24.00	23.48	4.00	4.57	9.00	7.94	8.67	44.73	C.
Baltimore	10.33	20.00	20.72	3.50	4.35	12.00	8.51	6.66	49.43	C.
Baltimore	10.25	16.00	17.53	3.50	3.91	13.00	8.64	7.93	51.74	B.
Bel Air	10.49	16.00	16.47	3.50	3.60	13.00	8.00	7.68	53.76	B.
Baltimore	9.46	18.00	18.60	4.00	6.31	10.00	4.65	9.42	51.56	As declared on sack
Baltimore	9.70	20.00	20.45	4.00	6.45	9.00	4.35	9.16	49.89	" "
Bel Air	11.04	13.00	13.16	4.50	4.79	6.00	3.36	2.45	65.20	" "
Baltimore	10.27	13.00	14.57	4.50	5.00	6.00	3.22	4.02	62.92	As declared on sack
Baltimore	10.02	7.00	10.10	1.00	4.86	16.00	5.97	3.04	66.01	D.
Cambridge	10.86	8.00	9.48	3.00	5.94	5.00	5.09	2.64	65.99	As declared on sack
Baltimore	12.31	10.00	10.00	2.50	2.38	5.00	2.19	1.56	71.56	A.
Bel Air	12.39	9.00	9.83	2.50	2.45	4.00	1.92	1.79	71.62	" "
Baltimore	11.51	10.00	9.65	2.50	2.48	5.00	2.31	1.35	72.70	" "

A—Protein guarantee on sack differs from license.
C—Also detected Unground Weed Seed.
B—Fibre guarantee on sack differs from license. Also detected Unground Weed Seed.
D—Ingredients on sack differ from license.

MANUFACTURER AND ADDRESS	NAME OF FEED
Stickell Sales Corp., Hagerstown, Md.	*‡Economy Stock Feed
D. A. Stickell & Sons, Inc., Hagerstown, Md.	*Su-Pur Sweet 32% Mixing Ration
" " "	*‡Su-Pur Sweet 32% Mixing Ration
" " "	‡Stickell's Sweet 24% Milk Maker
" " "	Dairy Queen Sweet 20% Milk Maker
" " "	‡Snap Sweet 20% Dairy Feed
" " "	Su-Pur 16% Dairy and Fitting Ration
" " "	Su-Pur Growing Mash
" " "	‡Su-Pur Horse and Calf Feed
" " "	‡Blue Ridge Hog Ration
" " "	Su-Pur All Mash Starter and Grower
" " "	Stickell's Intermediate Chick Feed
" " "	‡Victor Scratch Grains
" " "	Su-Pur Pigeon Feed No Corn
" " "	‡Su-Pur Turkey Growing Mash
" " "	‡Su-Pur All Mash Turkey Starter
F. W. Stock & Sons, Hillsdale, Mich.	Bran, with Mill Run Screenings
" " "	Middlings
Suffolk Oil Mill, Inc., Suffolk, Va.	Peanut Meal
Supplee-Wills-Jones Milk Co., Phila., Pa.	Roller Process Skim Milk Powder
Swift & Co., Chicago, Ill.	Swift's Meat and Bone Scraps
" "	Swift's Meat and Bone Scraps
" "	Swift's Meat and Bone Scraps
" "	Swift's Laymore Meat and Bone Scraps
" "	Swift's Dried Buttermilk
Taneytown Grain & Supply Co., Taneytown, Md.	Taney Laying Mash
	Taney Pig and Hog Feed
Texas Star Flour Mills, Galveston, Texas	Wheat Bran and Screenings
Thomas & Co., Frederick, Md.	*Excelsior Dairy Feed
" "	Economy Dairy Feed
" "	"Makan-Eg" Egg Mash
" "	"Gro-Quick" Growing Mash
" "	Solvita Starting Mash
ThreeMinute Cereals Co., The Corno Mills Co., Prop., Cedar Rapids, Iowa.	‡Red-3 Hygrade Oat Feed
	‡Red-3 Reground Oat Hulls
Thurmont Milling & Supply Co., Thurmont, Md.	‡Pure Wheat Bran
	*Wheat Middlings, with M. R. S.
Toledo Grain & Milling Co., Toledo, Ohio	‡Camp's Invincible Alfalfa Feed
Transit Milling Co., Galveston, Texas	Texas Bull Brand Cottonseed Meal
" "	Texas Bull Brand Cottonseed Meal
" "	Texas Bull Brand Cottonseed Meal

‡ Not Licensed at time of Sale.
* Means deficient in Protein or Fat.

SAMPLED FROM	Moisture	PROTEIN Guaranteed	PROTEIN FOUND	FAT Guaranteed	FAT FOUND	FIBRE Guaranteed	FIBRE FOUND	Ash	Nitrogen Free Extract	INGREDIENTS
Medford	5.38	16.00	18.78	6.00	5.49	16.58	16.21	2.59	51.55	C.
Elkton	8.05	32.00	31.38	4.50	5.50	10.00	8.80	8.66	37.61	As declared on sack
Rising Sun	9.30	32.00	30.10	4.50	5.21	10.00	9.88	8.19	37.32	" "
White Hall	8.42	24.00	26.35	4.00	4.78	10.00	8.55	7.64	44.26	" "
Rising Sun	10.13	20.00	21.10	3.50	4.45	10.00	8.49	6.96	48.87	" "
Sharpsburg	7.13	20.00	20.25	3.00	4.40	12.00	7.50	8.64	52.08	" "
Elkton	10.13	16.00	18.91	3.00	3.69	11.00	8.34	8.42	50.51	" "
Reisterstown	9.42	17.00	19.57	4.00	5.85	6.00	5.26	11.95	47.95	" "
Baltimore	10.58	9.00	10.50	2.50	2.82	12.00	6.19	4.13	65.78	" "
Elkton	9.92	17.00	19.20	3.00	4.00	6.00	5.73	11.25	49.90	" "
Silver Spgs.	8.67	16.50	17.72	4.00	4.54	5.00	3.49	8.47	57.11	B.
Baltimore	10.57	10.00	10.18	2.50	3.27	5.00	2.17	1.82	71.99	As declared on sack
Baltimore	10.31	10.00	10.00	2.50	2.71	5.00	2.62	1.31	73.05	" "
Silver Spgs.	9.02	10.00	14.56	3.00	3.14	3.00	4.16	2.25	66.87	" "
Reisterstown	8.45	17.00	19.83	4.00	6.42	6.00	6.32	9.90	49.08	" "
Reisterstown	8.41	22.00	23.34	4.00	4.94	6.00	5.55	11.11	46.65	As declared on sack
Baltimore	8.32	17.00	18.69	4.00	4.77	10.00	8.42	5.59	54.21	" "
Detour	8.47	17.90	18.25	4.00	4.64	7.00	6.05	4.17	58.42	A.
Germantown	7.47	41.00	40.98	6.00	8.38	8.00	8.47	5.53	29.17	As declared on sack
Hagerstown	.....	30.00	34.92	.50	x1.08	.....	.....	7.84	.....	" "
Denton	5.54	50.00	50.08	6.00	12.01	3.00	2.65	28.30	1.42	" "
Hagerstown	5.27	50.00	52.56	6.00	11.44	3.00	2.22	28.33	.18	" "
Germantown	6.24	50.00	49.92	6.00	11.02	3.00	2.03	29.90	1.23	" "
Hagerstown	6.30	45.00	48.44	6.00	10.84	3.00	2.51	26.48	5.43	" "
Denton	.....	30.00	30.45	5.00	x5.80	.....	.....	9.76	.....	" "
Taneytown	8.25	18.00	18.78	4.50	4.17	6.75	5.71	9.57	53.52	" "
Taneytown	10.93	18.00	19.23	4.25	3.79	6.75	7.32	6.19	52.54	" "
Cheltham	9.81	15.00	16.15	4.00	4.31	10.50	10.18	6.99	52.56	" "
Gaithersburg	8.72	24.00	25.80	5.00	4.18	9.00	7.65	6.89	46.76	As declared on sack
Gaithersburg	8.82	20.00	21.06	4.50	5.08	9.00	10.24	6.05	48.75	" "
Gaithersburg	9.39	20.00	21.15	5.00	5.05	9.00	6.48	8.90	49.03	" "
Gaithersburg	9.31	18.00	19.48	4.50	5.06	9.00	6.73	7.79	51.63	" "
Gaithersburg	9.34	18.00	18.08	4.50	4.91	5.00	4.67	8.44	54.56	B.
Mt. Airy	6.02	11.00	13.51	3.50	3.95	19.00	17.88	6.64	52.00	As declared on sack
Hagerstown	4.65	3.50	3.51	1.25	1.00	32.50	36.61	7.40	46.83	" "
Thurmont	8.83	14.00	15.18	4.00	4.16	13.00	9.26	6.90	55.67	" "
Thurmont	11.10	15.00	14.48	4.50	3.38	5.00	3.96	3.25	63.83	" "
Centreville	10.71	10.00	10.36	2.00	3.72	12.00	9.12	3.64	62.45	" "
Providence	6.43	41.00	41.42	5.00	6.55	11.00	12.57	6.20	26.83	" "
Germantown	7.50	41.00	40.19	5.00	6.39	11.00	12.89	6.13	26.90	" "
Westminster	7.23	41.00	40.37	5.00	5.94	11.00	13.64	6.04	26.78	" "

C—Product consists of Distillers Rye Dried Grains, Barley Malt and Screenings.
A—Also detected an appreciable amount of Finely Ground Wheat Screenings.
X—Fat as determined by the Roese-Gottlieb Method.
B—Ingredients on sack differ from license.

MANUFACTURER AND ADDRESS	NAME OF FEED
Trappe Roller Mills, Trappe, Md.	Mill Feed
" "	‡Pure Wheat Bran
" "	‡Pure Wheat Middlings
Jacob Trinley & Sons, Inc., Linfield, Pa.	Favorite Laying Mash
" " "	‡Real Growing Mash
" " "	Mixing Special
" " "	‡Real Chick Feed
" " "	Real Pigeon Feed
Twin City Milk Producers Association, St. Paul, Minn.	Dry Skim Milk
Ubiko Milling Co., Cincinnati, Ohio	‡Union Grains Ubiko 32% Sweet Dairy Ration
" "	‡Sunbeam Dairy Ration
" "	*‡Union Grains Ubiko 24% Sweet Dairy Ration
" "	Clover Bloom Sweet 16% Feed
" "	‡Brewers Dried Grains
" "	‡Commercial Laying Mash
" "	‡Sunbeam Laying Mash
" "	‡Ubiko Calf Meal
" "	‡Sunbeam Starter and Grower
" "	‡Ubiko All-Mash Starter
" "	‡Ubiko Chick Feed
" "	‡Ubiko Intermediate Scratch Feed
Unique Milling Co., Friendsville, Md.	Pure Wheat Bran
" " "	Pure Wheat Middlings
" " "	*Pure Buckwheat Middlings
United Mills Co., Inc., Grafton, Ohio	U. M. C. Wheat Bran
" " "	U. M. C. Wheat Middlings, with Ground Screenings N. Ex. M. R.
Universal By-Products Co., San Francisco, Calif.	Pure Dried Buttermilk
" "	Pure Dried Buttermilk
	Pure Dried Skimmilk
Van Iderstine Co., Long Island City, N. Y.	*Vico High Protein Meat Scraps for Poultry
" " "	Vico Quality Meat and Bone Scraps for Poultry
" " "	Vico Quality Meat and Bone Scraps for Poultry
Van Vechten Milling Co., Inc., Rochester, N. Y.	‡Irving Mills Rye Feed
Vitality Mills, Inc., Chicago, Ill.	‡Vitality 24% Maintenance Feed
" "	‡Vitality C-Er-Pay Laying Mash
" "	‡Vitality-Circle Bee Growing Mash
" "	‡Honey Bee Horse Feed
" "	‡Vitality Pig Meal
" "	‡Vitality Calf Meal

‡ Not Licensed at time of Sale.
* Means deficient in Protein or Fat.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Trappe	12.72	10.00	10.36	2.50	2.60	3.00	2.45	1.76	70.11	As declared on sack
Trappe	9.72	13.00	13.86	3.00	3.16	10.00	7.32	5.20	60.74	" "
Trappe	12.33	13.00	12.72	3.00	2.80	5.00	2.60	2.15	67.40	" "
Baltimore	10.47	18.00	18.42	4.00	5.17	7.00	6.60	7.39	51.95	As declared on sack
Baltimore	8.87	17.00	18.87	4.00	5.38	10.00	7.54	9.34	50.00	A.
Baltimore	10.42	3.00	6.04	1.00	1.39	15.00	17.86	8.27	56.02	B.
Baltimore	9.66	10.00	11.76	4.00	3.92	4.00	2.09	2.03	70.54	As declared on sack
Baltimore	9.37	10.00	14.48	2.50	2.96	5.00	4.60	2.21	66.38	" "
Baltimore	.....	32.00	33.08	.90	x1.18	.....	.....	7.89	.....	" "
Frederick	8.07	32.00	31.86	4.00	4.98	10.00	7.41	10.84	36.84	" "
Frederick	8.72	24.00	26.21	3.50	4.11	12.00	9.66	8.08	43.22	C.
Frederick	8.01	24.00	24.17	4.50	3.83	10.00	8.58	9.71	45.70	As declared on sack
Walkersville	8.01	16.00	17.55	3.00	3.66	15.00	13.17	9.03	48.58	" "
Denton	6.63	24.00	32.82	5.00	5.69	18.00	13.47	4.42	36.97	" "
Frederick	6.82	18.00	19.83	3.50	5.09	8.00	6.42	9.30	52.54	" "
Frederick	9.60	18.00	19.57	3.50	5.36	8.00	7.77	9.45	48.25	" "
Frederick	8.34	28.00	28.85	3.00	3.06	3.00	2.65	7.01	50.09	" "
Frederick	7.80	15.00	15.53	3.50	3.69	7.00	5.82	8.26	58.90	" "
Frederick	7.98	18.00	19.04	4.00	4.80	5.00	5.19	9.71	53.28	" "
Frederick	9.63	9.00	12.29	2.50	2.49	5.00	1.70	1.43	72.46	" "
Frederick	11.55	9.00	10.62	2.50	2.60	5.00	2.44	1.68	71.11	" "
Friendsville	7.73	14.74	15.27	3.78	3.77	9.61	8.56	5.82	58.85	" "
Friendsville	11.21	14.04	14.22	4.19	3.80	4.11	3.47	2.70	64.60	" "
Friendsville	10.33	31.46	28.78	7.76	7.00	7.93	9.06	4.80	40.03	" "
Cambridge	8.29	14.00	15.80	3.00	3.76	11.00	9.98	6.91	55.26	D.
Cumberland	8.42	16.50	16.67	5.00	4.30	7.50	5.81	4.03	60.77	As declared on sack
Baltimore	.....	32.00	31.94	5.00	x5.10	.....	.....	7.68	.....	" "
Baltimore	.....	32.00	31.94	5.00	x5.00	.....	.....	8.82	.....	" "
Baltimore	.....	32.00	34.92	.90	x1.01	.....	.....	8.17	.....	" "
Westminster	5.73	55.00	53.53	5.00	11.67	3.00	3.10	23.37	2.60	" "
Westminster	5.81	50.00	51.07	5.00	10.51	3.00	3.36	26.37	2.88	" "
Westminster	5.40	50.00	52.30	5.00	10.20	3.00	3.17	26.49	2.44	" "
Manchester	8.98	13.00	16.41	2.00	3.21	10.00	4.56	3.76	63.08	" "
Hancock	9.43	24.00	24.08	3.50	4.08	12.00	10.02	8.65	43.74	" "
Hancock	9.70	18.00	19.31	3.50	5.19	8.00	5.48	10.20	50.12	" "
Hancock	10.17	15.00	16.15	4.00	5.14	7.00	5.14	8.18	55.22	" "
Hancock	10.72	9.00	10.77	3.00	3.80	10.00	7.02	4.67	63.02	" "
Hancock	10.12	18.00	18.06	3.50	4.58	7.00	5.07	8.28	53.89	" "
Hancock	9.02	18.00	19.57	5.00	4.23	5.00	4.55	9.80	52.83	" "

A—Ingredients on sack differ from license.
B—Unable to detect Clipped Oat By-Products—also detected Clipped Oats.
C—Also detected Corn Distillers Dried Grains.
X—Fat as determined by the Roese-Gottlieb Method.
D—Protein Fat and Fibre guarantee on sack differ from license.

MANUFACTURER AND ADDRESS	NAME OF FEED
Vitality Mills, Inc., Chicago, Ill. (Cont.)	‡Corn Feed Meal
" "	‡Sunflower Coarse Chick Feed
" "	‡Vitality Circle Bee Chick Starter
Joseph E. Walter, Parkton, Md.	Pure Wheat Bran
" "	Pure Wheat Middlings
" "	†Pure Corn Chop
Ward Dry Milk Co., St. Paul, Minn.	Ward's Pure Dried Buttermilk
A. E. Warren, Snow Hill, Md.	Warren's Laying Mash
" "	Warren's Starter and Growing Mash
Warwick Co., Massillon, Ohio	Pure Wheat Middlings
C. B. Watkins & Co., Baltimore, Md.	Foxhall Laying Mash
" "	Foxhall Hog Feed
" "	Peerless Chick Mash
" "	Peerless Scratch Grains
Western Condensing Co., Eureka, Calif.	*Peebles Dry Skim Milk
Westover Mills, Westover, Md.	Perfection Laying Mash
" "	Perfection Scratch Feed
Wheatena Corp., Highspire Flour Mills Division, Highspire, Pa.	Pure Winter Wheat Bran
	Wheat Gray Shorts Mill Run of Screenings
Wheeler Supply Co., Glyndon, Md.	"Wheeler Special" Laying Mash
" "	"Glyco" Growing Mash
" ":	"Glyco" Starter
M. Floyd Wiley, Detour, Md.	Pure Wheat Bran
" "	Pure Wheat Middlings
Wilkins-Rogers Milling Co., Inc., Washington, D. C.	Grassy Mead 26% Dairy Feed
" "	Washington Egg Mash, with BM
" "	Maryland University 1928 Contest Egg Mash Formula
" "	Maryland University 1928 Contest Egg Mash Formula
" "	Red Raven 85% Horse Feed
" "	Corn Feed Meal
" "	‡Corn Feed Meal
" "	Pure Soft Winter Wheat Bran
" "	Washington Pure Soft Winter Wheat Bran
" "	Pure Soft Winter Wheat Bran
" "	Wheat Bran
" "	Wash. Pure Soft Winter Wheat Middlings
" "	Washington Pure Wheat Middlings
" "	Pure Soft Winter Wheat Middlings
" "	Producer Scratch Feed
" "	Washington Scratch Feed

† Means deficient in both Protein and Fat.
‡ Not Licensed at time of Sale.
* Means deficient in Protein or Fat.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Hancock	10.19	9.00	10.71	3.50	4.33	3.00	3.65	1.60	69.52	As declared on sack
Hancock	10.20	10.00	10.35	2.00	2.42	5.00	1.85	1.55	73.63	" "
Hancock	10.49	14.50	16.58	4.00	5.21	5.00	4.98	8.15	54.59	" "
Parkton	9.10	14.00	15.09	4.00	3.68	8.00	7.49	6.46	58.18	As declared on sack
Parkton	9.54	15.00	16.32	4.00	4.61	4.60	4.38	4.57	60.58	" "
Parkton	11.87	10.00	8.60	5.00	4.38	2.20	2.00	1.74	71.41	" "
Baltimore	.....	30.00	32.29	5.00	x4.85	.....	.....	10.56	.....	" "
Snow Hill	8.99	18.00	17.55	4.00	5.06	7.00	6.32	9.66	52.42	" "
Snow Hill	8.84	17.00	17.99	4.00	4.78	6.00	4.04	7.30	57.05	" "
Hagerstown	10.07	15.00	16.67	4.00	4.37	9.00	5.44	4.19	59.26	" "
Baltimore	9.48	20.13	22.29	4.85	5.70	8.25	8.90	9.47	44.16	" "
Baltimore	10.03	15.25	18.52	2.98	5.39	7.33	7.69	8.30	50.07	" "
Baltimore	9.38	13.50	14.32	3.75	4.03	8.25	9.02	8.58	54.67	" "
Baltimore	12.65	10.00	10.09	3.00	3.08	5.00	3.17	2.92	68.09	" "
Preston	.....	33.00	31.06	1.00	x.97	.....	.....	7.97	.....	" "
Westover	8.90	19.00	21.15	4.00	4.67	6.00	7.19	9.46	48.63	" "
Westover	10.76	9.00	10.27	2.50	3.31	4.00	2.76	1.70	71.20	A.
Mardela Spgs	8.60	13.50	14.92	3.00	3.45	10.00	9.45	6.04	57.54	" "
Mardela Spgs	10.68	13.25	14.22	3.00	3.22	6.00	5.64	3.44	62.80	" "
Glyndon	7.81	20.00	21.67	4.50	5.70	7.00	8.01	8.20	48.61	D.
Glyndon	8.85	16.00	18.87	3.50	5.39	7.50	8.09	7.08	51.72	D.
Glyndon	8.38	18.50	19.39	5.50	5.20	7.00	6.12	5.80	55.11	As declared on sack
Detour	7.38	15.00	15.53	3.00	3.82	9.00	9.41	6.46	57.40	" "
Detour	10.27	14.00	14.39	3.00	3.27	5.00	3.13	2.87	66.07	" "
Carson's Run	6.58	26.00	27.47	5.00	4.98	9.00	8.38	7.14	45.45	" "
Bethesda	9.46	22.00	23.45	5.00	5.99	8.00	4.98	12.51	43.61	D.
Baltimore	7.85	20.00	20.80	5.00	5.55	7.00	6.42	10.00	49.38	As declared on sack
Hyattsville	10.47	20.00	20.80	5.00	5.35	7.00	5.08	9.92	48.38	" "
Baltimore	10.85	8.00	10.42	3.00	3.15	10.00	4.91	3.01	67.66	" "
Baltimore	10.44	10.00	10.71	3.70	6.16	3.00	4.88	2.63	65.18	" "
Hyattsville	9.99	10.00	9.65	3.70	4.54	3.00	2.42	1.90	71.50	" "
Baltimore	11.33	14.00	15.27	4.00	4.58	9.00	9.83	7.30	51.69	B.
Woodbine	10.37	14.00	15.18	4.00	4.04	9.00	10.29	3.68	56.44	C.
Baltimore	9.28	14.00	15.36	4.00	4.08	9.00	9.62	7.09	54.57	B.
Gaithersburg	9.66	14.00	15.62	4.00	4.33	9.00	9.24	7.24	53.91	B.
Woodbine	7.95	15.50	16.41	4.00	4.70	7.00	4.35	6.79	59.80	As declared on sack
Dickerson	9.72	15.50	16.58	4.00	4.71	7.00	3.23	4.66	61.10	" "
Baltimore	10.56	15.50	16.67	4.00	4.58	7.00	4.16	4.18	59.85	" "
Baltimore	8.71	10.00	10.79	2.50	2.85	4.00	3.31	1.91	72.43	" "
Baltimore	10.55	10.00	10.44	2.50	2.65	4.00	2.34	1.38	72.64	" "

A—Fibre guarantee on sack differs from license.
X—Fat as determined by the Roese-Gottlieb Method.
D—Ingredients on sack differ from license.
B—Also detected an appreciable amount of Wheat Screenings.
C—Also detected 1.44% Screenings by mechanical separation.

MANUFACTURER AND ADDRESS	NAME OF FEED
W. G. Williams, Jr., Berlin, Md.	B-F-S Laying Mash
York Roller Mills Co., York, Pa.	Wheat Middlings, M. R. S.
Allied Mills, Inc., Chicago, Ill.	‡Wayne Dog Feed
Baltimore Feed & Grain Co., Baltimore, Md.	Steako Dog and Puppy Food
Battle Creek Dog Food Co., Battle Creek, Mich.	Miller's A. 1 Puppy Meal
" "	‡Miller's A. 1 Ration
	Miller's A. 1 Ration
Beacon Milling Co., Inc., Cayuga, N. Y.	‡Beacon Dog Pellets
California Animal Products Co., Oakland, Calf.	†Calo Dog Food
	‡*Calo Cat Food
Chapin & Co., Hammond, Ind.	Chapin Dog Cookies
" "	Chapin Toasted Dog Cookies
Chappel Brothers, Inc., Rockford, Ill.	Kib-L-Biskit
" "	‡Ken-L-Ration
Consolidated By-Products Co., Phila., Pa.	‡Marco Beef Ration
Derwood Mill, Derwood, Md.	Derwood Dog Food
Dietrich & Gambrill, Inc., Frederick, Md.	D. & G. Dog Food Broken
Doyle Packing Co., Los Angeles, Calif.	‡*Doyle's Strongheart
Foster Canning Co., Inc., Brooklyn, N. Y.	‡New Era Dog and Cat Food
Gaines Food Co., Sherburne, N. Y.	Gaines Meat and Milk Meal Cooked
" " "	‡Vita-Gaines Dog Food
Jem Animal Food Corp., Brooklyn, N. Y.	Bal O Ration
Kasco Mills, Inc., Waverly, N. Y.	‡Kasco Dog Food (Cubed)
Kennel Food Supply Co., Fairfield, Conn.	Cod Liver Oil Vegetable and Meat Biscuits
" " "	C. F. Biscuits
" " "	K. F. S. Biscuits
" " "	K-9 Food
" " "	Plain Biscuits
" " "	Puppy Biscuits
" " "	Puppy Meal
Lauderdale Kennels, Inc., Owings Mills, Md.	Lauderdale Perfect Dog Food
Maritime Milling Co., Inc., Buffalo, N. Y.	Hunt Club Vitamized Dog Food
" " "	Hunt Club Vitamized Dog Food

‡ Not Licensed at time of Sale.
† Means deficient in both Protein and Fat.
* Means deficient in Protein or Fat.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Berlin	7.93	20.00	20.88	4.00	5.72	6.00	5.79	12.22	47.46	As declared on sack
Taneytown	8.41	14.50	14.48	4.00	3.59	5.10	4.61	3.57	65.34	" "
Easton	6.60	30.00	30.45	4.00	6.52	4.00	3.84	7.93	44.66	As declared on sack.
Baltimore	6.26	30.00	34.49	6.00	5.83	6.00	5.90	7.73	39.79	" "
Baltimore	7.14	15.00	19.48	1.70	1.23	1.30	.89	5.44	65.82	" "
Baltimore	7.04	15.00	16.41	1.30	1.84	1.30	1.32	5.97	67.42	" "
Hagerstown	6.69	15.00	17.02	1.30	2.11	1.30	1.60	5.75	66.83	" "
Hyattsville	6.92	24.00	25.80	4.00	4.79	5.00	3.93	10.65	47.91	" "
Hyattsville	74.44	10.00	7.53	2.25	1.82	.50	.61	2.05	13.55	" "
Annapolis	73.17	10.00	8.73	2.25	2.06	.50	.64	1.41	13.99	" "
Baltimore	8.91	24.00	25.80	4.50	4.44	4.00	2.50	6.90	51.45	" "
Baltimore	8.15	20.00	25.27	4.00	4.52	5.00	2.43	6.20	53.43	" "
Hagerstown	4.56	20.00	23.17	2.00	3.47	2.00	2.28	6.49	60.03	" "
Hagerstown	67.31	10.00	10.54	2.00	2.95	2.00	.78	3.00	15.42	" "
Hyattsville	73.32	10.50	10.47	3.00	2.61	1.00	1.11	1.66	10.83	" "
Derwood	8.71	21.00	25.80	4.00	5.70	4.00	5.58	13.81	40.40	A.
Baltimore	9.42	18.00	21.32	2.50	2.88	2.00	2.45	9.63	54.30	As declared on sack.
Cumberland	74.95	7.33	8.54	4.82	1.56	.65	1.10	.67	13.18	" "
Baltimore	64.77	13.00	13.67	7.00	8.11	1.00	.84	2.37	10.24	" "
Baltimore	5.42	23.00	25.01	3.00	4.49	4.00	3.01	11.02	51.05	" "
Baltimore	76.36	7.00	8.73	2.50	2.12	1.00	.58	1.43	10.78	" "
Baltimore	7.43	21.00	22.55	2.50	2.91	1.25	2.23	14.00	50.88	" "
Silver Spgs.	8.32	20.00	22.46	3.15	7.08	5.00	3.42	9.44	49.28	" "
Baltimore	6.96	18.00	23.17	2.00	3.19	4.50	2.42	3.12	61.14	" "
Hagerstown	6.79	18.00	21.50	2.00	2.44	2.00	1.76	5.10	62.41	" "
Baltimore	8.18	18.00	21.50	.50	1.69	3.00	1.31	5.47	61.85	" "
Hagerstown	70.09	6.00	9.00	2.40	4.35	.60	.47	4.43	11.66	" "
Baltimore	6.49	14.00	17.99	1.00	1.58	2.00	3.00	6.82	64.12	" "
Baltimore	7.32	19.80	21.41	1.40	2.00	1.25	.99	5.07	63.21	" "
Baltimore	5.80	18.00	22.29	.80	2.18	1.25	2.64	6.45	60.64	" "
Owings Mills	8.14	30.00	30.10	6.00	6.73	7.00	5.69	5.21	44.13	" "
Federalsburg	12.31	25.00	25.18	3.50	4.90	4.00	3.25	9.22	45.14	" "
Baltimore	6.79	25.00	24.75	3.50	4.76	4.00	3.07	8.90	51.73	" "

A—Protein guarantee and ingredients on sack differ from license.

MANUFACTURER AND ADDRESS	NAME OF FEED
Modern Food Process Co., Philadelphia, Pa.	*‡"Thrivo" Dog and Cat Food
John Morrell & Co., Ottumwa, Iowa.	‡Red Heart Dog Food—Diet A.
" " "	‡Red Heart Dog Food—Diet B.
" " "	‡Red Heart Dog Food—Diet C.
National Biscuit Co., New York, N. Y.	Bennett's Milk-Bone Dog Biscuit
" " "	Bennett's Milk-Bone Puppy Biscuit
" " "	Milk-Bone Crumbs
Nowak Milling Corp., Hammond, Ind.	‡Domino Dog-ets
" "	Domino Dog-ets
" "	‡Domino Dog Food
Old Trusty Dog Food Co., Needham Heights, Mass.	Puppy Meal
Perfection Foods Co., Battle Creek, Mich.	‡Perfection Meat—Cereal Dog Food
Proto, Inc., Philadelphia, Pa.	Proto
Ralston Purina Co., St. Louis, Mo.	Purina Dog Chow
" " "	Purina Dog Chow
Rival Packing Co., Chicago, Ill.	‡Rival Dog Food
G. P. Rose & Co., Nashville, Tenn.	Mascot Dog Food
Dr. W. J. Ross Co., Alamitos, Calif.	‡Dr. Ross' Dog and Cat Food
Schlesser Brothers, Portland, Oregon	‡Man-Kind Dog Food
Simpson Products Co., Terre Haute, Ind.	Doggie Dinner
Sturdy Dog Food Co., Inc., Syracuse, N. Y.	Sturdy Dog Food
Swift & Co., Chicago, Ill.	Pard Dog Food
Thorobread Co., Cincinnati, Ohio	*‡Thorobread Dog and Puppy Foods

‡ Not Licensed at time of Sale.
* Means deficient in Protein or Fat.

MANUFACTURER AND ADDRESS	NAME OF FEED
East Coast Trading Co., Baltimore, Md.	Oberco Soluble Minerals
Ronck & Bevis Co., Philadelphia, Pa.	Ro-Be Mineral
" " "	Ro-Be Special Mineral

SAMPLED FROM	Moisture	PROTEIN Guaranteed	PROTEIN FOUND	FAT Guaranteed	FAT FOUND	FIBRE Guaranteed	FIBRE FOUND	Ash	Nitrogen Free Extract	INGREDIENTS
Hagerstown	73.88	7.50	**11.76**	6.00	**4.07**	3.00	**2.99**	6.94	.36	As declared on sack.
Cumberland	71.75	12.00	**12.42**	5.00	**6.97**	1.00	**.50**	2.48	5.88	A.
Cumberland	71.58	12.00	**12.51**	5.00	**7.20**	1.00	**.64**	2.63	5.44	As declared on sack
Cumberland	72.11	12.00	**12.86**	5.00	**6.32**	1.00	**.60**	2.78	5.33	" "
Hyattsville	10.12	17.00	**18.87**	1.00	**1.52**	2.50	**1.34**	3.12	65.03	" "
Hyattsville	8.37	17.00	**17.72**	1.00	**1.29**	2.50	**1.32**	3.54	67.76	" "
Annapolis	6.14	17.00	**18.25**	1.00	**1.37**	2.50	**1.33**	3.58	69.33	" "
Ellicott City	8.34	21.00	**28.61**	4.00	**5.90**	3.00	**3.09**	7.55	46.51	" "
Baltimore	7.07	21.00	**28.13**	4.00	**5.03**	3.00	**3.05**	7.42	49.30	" "
Baltimore	73.79	10.50	**11.39**	2.50	**2.57**	.50	**.58**	2.28	9.39	" "
Baltimore	7.95	18.82	**21.41**	1.41	**1.78**	.54	**1.13**	3.83	63.90	" "
Baltimore	6.12	15.00	**14.04**	1.00	**2.51**	5.00	**2.32**	5.16	69.85	" "
Baltimore	7.68	25.00	**26.76**	5.00	**5.51**	3.00	**2.72**	15.14	42.19	A.
Towson	7.59	20.00	**26.59**	3.00	**7.76**	6.00	**3.50**	7.68	46.88	As declared on sack.
Baltimore	7.39	20.00	**22.20**	3.00	**7.06**	6.00	**3.29**	7.31	52.75	" "
Baltimore	69.77	10.00	**10.51**	3.00	**6.71**	.50	**.43**	1.28	11.30	As declared on sack.
Baltimore	5.18	20.97	**20.62**	5.51	**8.99**	3.41	**3.91**	13.70	47.60	" "
Annapolis	65.56	11.00	**13.44**	2.85	**4.19**	.47	**.64**	.....	.....	A.
Hyattsville	71.87	11.00	**10.55**	2.50	**4.53**	.75	**.49**	1.05	11.51	As declared on sack.
Hyattsville	72.36	8.30	**8.25**	2.90	**2.61**	.26	**1.98**	1.53	13.27	" "
Baltimore	6.07	20.00	**24.13**	2.50	**3.51**	5.00	**2.64**	9.58	54.07	" "
Frostburg	68.69	10.50	**12.71**	2.50	**3.61**	.50	**.68**	2.75	11.56	" "
Frostburg	8.12	17.50	**17.55**	5.50	**3.24**	2.50	**3.15**	6.74	61.20	" "

A—Ingredients on package differ from license.

SAMPLED FROM	CALCIUM OXIDE Guaranteed	CALCIUM OXIDE FOUND	PHOSPHORUS P_2O_5 Guaranteed	PHOSPHORUS P_2O_5 FOUND
Walkersville	30.00	**39.80**	20.00	**27.30**
Germantown	45.00	**37.50**	15.00	**12.20**
Preston	50.00	**38.75**	8.00	**12.70**

48154

Assay of Vitamin D Supplements Sold in Maryland for Poultry Feeding Purposes. May, 1934.

The results of a recently completed assay of samples of eleven antirachitic oils being sold in Maryland for poultry feeding purposes are presented below. Each oil has been tested at the percentage guaranteed by the manufacturer to furnish complete protection by the Association of Official Agricultural Chemists' method for assaying antirachitic materials.

The results reported here were obtained on samples drawn from stocks invoiced since January 1, 1934, being offered for sale by dealers in this State. Lack of laboratory space prevented the assay of all brands encountered by our inspectors this year, but, if samples are available, those oils not included in this assay, along with samples from fresh lots of some of the brands included above, will be assayed later in the year.

In the A. O. A. C. method of assay, measurement of the potency of an antirachitic material is based on the percentage of ash produced in the tibia of chicks. A group bone ash average of 44% or better indicate normal bone development, and hence a satisfactory supply of vitamin D. Averages less than 44% indicate subnormal calcification. In the table following the term "Satisfactory" indicates that a group of birds fed the basal rachitic ration supplemented with the indicated percentage of the respective oil showed an ash average of 44% or better. The term "Unsatisfactory" indicates an ash percentgae of less than 44%.

In view of the natural variation in the vitamin D potency of most antirachitic material, it is our opinion that the greatest advantage can be obtained from these assays if the results from several tests on samples of different lots of the same brand are compared. Reports of previous tests on a number of the brands reported here have been published by this department from time to time and may be advantageously utilized for this purpose.

In conclusion, it should be emphasized that the percentages guaranteed to give protection by the A. O. A. C. method may be considerably lower than the levels recommended by the manufacturers of the respective oils for practical feeding purposes.

The feeling is quite general that for practical feeding purposes a greater quantity of oil or other antirachitic supplement should be fed than that which is shown by biological tests to just meet the needs of chicks. A common practice is to allow a "100% margin of safety" by feeding double this minimum requirement. In other words if an oil is found to furnish just enough vitamin D by biological tests at 0.5% of the total ration, a reasonable margin of safety would be provided in actual feeding practice by supplying the oil to the chicks at a level of about 1% of the total ration.

Results of Assay of Antirachitic Oils Sold in Maryland for Poultry Feeding. May 1, 1934.

Distributor and Brand	Guaranteed Per Cent	Result
Silmo Poultry D Cod Liver Oil, Silmo Chemical Co., Vineland, New Jersey	½	Satisfactory
Silmo XX Cod Liver Oil, Silmo Chemical Co., Vineland, N. J.	⅛	Satisfactory
Fox Special Cod Liver Oil, The Fox Co., Newfield, New Jersey	½	Satisfactory
Vitamin Brand Pure Norwegian Cod Liver Oil, U. S. P. Chas. L. Huisking & Co., New York, N. Y.	¼	Satisfactory
Sardilene F. E. Booth Co., Inc. San Francisco, California	¼	Unsatisfactory
Pratts Cod Liver Oil, Pratt Food Company, Buffalo, N. Y.	½	Unsatisfactory
Acton Pure Norwegian Cod Liver Oil, not U. S. P. Philadelphia, Penna.	½	Satisfactory
Acton XX Pure Norwegian Cod Liver Oil, Medicinal, Grade U. S. P.	½	Satisfactory
CICO Cod Liver Oil, Consumers Import Co., Inc. New York, New York	½	Satisfactory
Nopco EE Cod Liver Oil, National Oil Products Co., Harrison, N. J.	¼	Satisfactory
Isdahl's Norwegian Cod Liver Oil, McKesson & Robbins, Bridgeport, Conn.	½	Satisfactory

Association of Official Agricultural Chemists Method of Assay. See Journal of this Association, Volume XVII, Page 69, 1934.

LIME ANALYSES

A detailed report of the results obtained in the inspection and analysis of agricultural liming materials from January 1, 1934, to July 1, 1934, is contained in pages 103 to 105 inclusive. Limes are considered seriously deficient with respect to chemical analysis when they are 1 per cent or more deficient in total oxides.

ANALYSIS OF AGRICULTURAL BURNT LIME (OXIDES)

No.	Name of Manufacturer	Name of Lime	Place of Sampling	Calcium Oxide CaO		Magnesium Oxide MgO		Sand & Insol (No Val.)	Total Oxides CaO—MgO
				Guaranteed	Found	Guaranteed	Found	Found	
3101	S. W. Barrick & Sons, Inc., Woodsboro, Md.	Agricultural Lump Lime	Woodsboro	85.00	**92.40**	5.00	**1.49**	**1.83**	**93.89**
‡3097	S. W. Barrick & Sons, Inc., Woodsboro, Md.	Agricultural Lump Lime	Federalsburg	85.00	**87.10**	5.00	**1.75**	**2.72**	**88.85**
3066	S. W. Barrick & Sons, Inc., Woodsboro, Md.	Agricultural Lump Lime	Woodsboro	85.00	**92.80**	5.00	**1.29**	**.96**	**94.09**
‡3105	S. W. Barrick & Sons, Inc., Woodsboro, Md.	High Grade Agric. Lime	Woodsboro	75.00	**72.40**	5.00	**2.94**	**7.27**	**75.34**
*3134	Cavetown Planing Mill Co., Cavetown, Md.	Lump Lime	Cavetown	80.00	**77.55**	2.00	**18.28**	**1.54**	**95.83**
*3135	Cavetown Planing Mill Co., Cavetown, Md.	Ground Lime	Cavetown	80.00	**70.85**	2.00	**18.47**	**4.26**	**89.32**
‡3145	C. L. Forsythe, Hagerstown, Md.	Lump Lime	Cearfoss	85.00	**71.03**	1.50	**9.43**	**4.64**	**80.46**
3110	M. J. Grove Lime Co., Inc., Lime Kiln, Md.	Famous Frederick County Agricultural Lime	Frederick	86.00	**78.00**	4.00	**19.36**	**.33**	**97.36**
3061	M. J. Grove Lime Co., Inc., Lime Kiln, Md.	Famous Frederick County Agricultural Lime	Frederick	86.00	**92.40**	4.00	**4.53**	**.25**	**96.93**
3108	M. J. Grove Lime Co., Inc., Lime Kiln, Md.	Famous Frederick County Ground Lime	Frederick	75.00	**81.35**	5.00	**6.79**	**3.12**	**88.14**
*‡3133	Edward Savage, Friendsville, Md.	Agric. Ground Burned Lime	Friendsville	68.00	**52 83**	2.00	**1.57**	**16.97**	**54.45**
3112	Shank & Etzler Lime Co., Frederick, Md.	Ground Burned Lime	Frederick	55.00	**52.15**	25.00	**31.13**	**8.34**	**83.28**
3107	Shank & Etzler Lime Co., Frederick, Md.	Agricultural Lump Lime	Frederick	60.00	**63.75**	30.00	**34.89**	**.56**	**98.64**
3099	Charles E. Staley, Frederick, Md.	Agricultural Lump Lime	Frederick	75.00	**91.65**	3.00	**1.41**	**2.75**	**93.06**
3100	Stoner & Powell, Woodsboro, Md.	Old Reliable Fountain Rock Lump Lime	Woodsboro	85.00	**93.15**	2.00	**4.32**	**.91**	**97.47**
‡3102	Stoner & Powell, Woodsboro, Md.	Old Reliable Fountain Rock Ground Lime	Woodsboro	75.00	**67.05**	8.00	**7.54**	**6.06**	**74.59**

ANALYSES OF AGRICULTURAL HYDRATED LIME

3121	S. W. Barrick & Sons, Inc., Woodsboro, Md.	Hydrated Lime	Forest Hill	60.00	**61.95**	5.00	**4.75**	**5.44**	**66.70**
3114	S. W. Barrick & Sons, Inc., Woodsboro, Md.	Hydrated Lime	Woodsboro	60.00	**63.90**	5.00	**4.65**	**4.78**	**68.55**
3087	S. W. Barrick & Sons, Inc., Woodsboro, Md.	Hydrated Lime	Queen Anne	60.00	**63.10**	5.00	**2.71**	**4.92**	**65.81**
3065	S. W. Barrick & Sons, Inc., Woodsboro, Md.	Hydrated Lime	Woodsboro	60.00	**62.50**	5.00	**4.59**	**4.51**	**67.09**
3130	Blair Limestone Co., Martinsburg, W. Va.	Opequon Hydrated Lime	Friendsville	67.00	**66.35**	2.00	**2.59**	**3.99**	**68.94**
3124	G. & W. H. Corson, Inc., Plymouth Meeting, Pa.	Hydrated Lime	Georegtown	46.50	**50.90**	31.00	**29.86**	**1.06**	**80.76**
3088	G. & W. H. Corson, Inc., Plymouth Meeting, Pa.	Hydrated Lime	Salisbury	46.50	**48.95**	31.00	**30.91**	**.79**	**79.86**
3111	M. J. Grove Lime Co., Inc., Lime Kiln, Md.	Famous Frederick County Hydrated Lime	Frederick	65.00	**65.80**	5.00	**5.02**	**3.23**	**70.82**

‡ Indicates Product Deficient in Total Oxides. * Not Licensed at time of sale.

ANALYSES OF AGRICULTURAL HYDRATED LIME—(Continued)

No.	Name of Manufacturer	Name of Lime	Place of Sampling	Calcium Oxide CaO		Magnesium Oxide MgO		Sand & Insol (No Val.)	Total Oxides CaO—MgO
				Guaranteed	Found	Guaranteed	Found	Found	
3089	M. J. Grove Lime Co., Inc., Lime Kiln, Md.	Famous Frederick County Hydrated Lime	Myersville	65.00	**66.10**	5.00	**6.32**	**2.85**	**72.42**
3060	M. J. Grove Lime Co., Inc., Lime Kiln, Md.	Famous Frederick County Hydrated Lime	Frederick	65.00	**62.00**	5.00	**7.17**	**3.77**	**69.17**
3146	Keller Lime Co., Inc., Buckeystown, Md.	Hydrated Lime	Buckeystown	66.00	**62.80**	1.50	**5.03**	**9.49**	**67.83**
3115	Legore Lime Co., Legore, Md.	Hydrated Lime	LeGore	65.00	**65.35**	5.00	**4.85**	**5.16**	**70.20**
3090	Legore Lime Co., Legore, Md.	Hydrated Lime	Easton	65.00	**64.40**	5.00	**6.00**	**3.42**	**70.40**
3091	North American Cement Corp., Baltimore, Md.	Berkeley Hydrated Lime	Boonsboro	70.00	**72.30**	2.00	**1.78**	**.18**	**74.08**
3113	Shank & Etzler Lime Co., Frederick, Md.	Hydrated Lime	Frederick	45.00	**44.05**	20.00	**26.16**	**7.54**	**70.21**
3123	Steacy & Wilton Co., Wrightsville, Pa.	"Sterling" Brand Hydrated Lime	Sparks	67.00	**70.60**	5.00	**2.78**	**.62**	**73.38**
3104	Steacy & Wilton Co., Wrightsville, Pa.	"Sterling" Brand Hydrated Lime	Glyndon	67.00	**72.60**	5.00	**2.20**	**.47**	**74.80**
3067	Steacy & Wilton Co., Wrightsville, Pa.	"Sterling" Brand Hydrated Lime	Taneytown	67.00	**70.60**	5.00	**1.97**	**.46**	**72.57**
3103	Stoner & Powell, Woodsboro, Md.	Old Reliable Fountain Rock Hydrated Lime	Woodsboro	60.00	**62.25**	5.00	**6.55**	**5.78**	**68.80**
3127	Universal Gypsum & Lime Co., Chicago, Ill.	Palmer Hydrated Lime	Rising Sun	70.00	**71.45**	2.00	**1.59**	**.26**	**73.04**
3116	Universal Gypsum & Lime Co., Chicago, Ill.	Palmer Hydrated Lime	Westminster	70.00	**70.85**	2.00	**2.50**	**.36**	**73.35**

ANALYSES OF AGRICULTURAL LIMESTONE, MARL AND OYSTER SHELLS

3075	Harry T. Campbell Sons Co., Towson, Md.	†Pulverized Limestone	Texas	30.00	**36.30**	14.00	**10.66**	**12.56**	**46.96**
3109	M. J. Grove Lime Co., Inc., Lime Kiln, Md.	†Pulverized Limestone	Frederick	50.00	**52.95**		**1.25**	**1.96**	**54.20**
3069	M. J. Grove Lime Co., Inc., Lime Kiln, Md.	†Pulverized Limestone	College Park	50.00	**53.20**		**.90**	**1.88**	**54.10**
3062	M. J. Grove Lime Co., Inc., Lime Kiln, Md.	†Pulverized Limestone	Frederick	50.00	**54.10**		**1.10**	**1.18**	**55.20**
*3129	Keystone Lime Co., Springs, Pa.	Alfalfa Brand		70.00	**74.65**	3.00	**4.01**	**7.20**	**78.66**
‡3132	Henry Mosser, Oakland, Md.	Granulated Lime	Oakland	68.00	**60.30**	.50	**1.60**	**10.25**	**61.90**
3093	Potomac Poultry Food Co., Inc., Baltimore, Md.	†Potolime Oyster Shell Lime	St. Michaels	46.00	**46.65**	.50	**.97**	**11.22**	**47.62**
3092	Potomac Poultry Food Co., Inc., Baltimore, Md.	†Potolime Oyster Shell Lime	Crisfield	46.00	**45.85**	.50	**.89**	**11.77**	**46.74**
3122	Steacy & Wilton Co., Wrightsville, Pa.	†Pulverized Limestone	Colora	50.00	**49.95**	2.00	**4.33**	**3.01**	**54.28**
3126	Universal Gypsum & Lime Co., Chicago, Ill.	†Challenge Brand Pulverized Limestone	Cardiff	51.00	**51.90**	3.00	**3.53**	**1.39**	**55.43**
3147	W. H. Valliant & Bro., Bellevue, Md.	†Oyster Shell Lime	Bellevue	46.00	**45.80**		**.85**	**12.41**	**46.65**

‡ Indicates Product Deficient in Total Oxides. * Not Licensed at time of sale. † Ground Shell or Stone, Mechanical Analyses see page 10.

ANALYSES OF GYPSUM OR LAND PLASTER

		Pulverized Limestone	Cardiff	51.00	**51.90**	3.00	**3.53**	**1.39**	**55.43**
3147	W. H. Valliant & Bro., Bellevue, Md.	†Oyster Shell Lime	Bellevue	46.00	**45.80**		**.85**	**12.41**	**46.65**

‡ Indicates Product Deficient in Total Oxides. * Not Licensed at time of sale. † Ground Shell or Stone, Mechanical Analyses see page 10.

ANALYSES OF GYPSUM OR LAND PLASTER

No.	Name of Manufacturer	Name of Lime	Place of Sampling	Calcium Sulphate		Sand and Insol. (no value)
				Guaranteed	Found	Found
*3143	Baugh & Sons Co., Baltimore, Md.	Pure Ground Land Plaster	Baltimore	38.00	**55.40**	**4.90**
3059	Baugh & Sons Co., Baltimore, Md.	Pure Ground Land Plaster	Baltimore	38.00	**55.08**	**22.69**

* Not Licensed at time of sale.

ANALYSES OF MISCELLANEOUS PRODUCTS

No.	Name of Manufacturer	Name of Lime	Place of Sampling	Calcium Oxide CaO		Magnesium Oxide MgO		Sand & Insol (No Val.)	Total Oxides CaO—MgO
				Guaranteed	Found	Guaranteed	Found	Found	
3125	S. W. Barrick & Sons, Inc., Woodsboro, Md.	Limall	Bel Air	50.00	**72.30**	5.00	**3.11**	**7.27**	**75.41**
3106	S. W. Barrick & Sons, Inc., Woodsboro, Md.	Limall	Woodsboro	50.00	**74.40**	5.00	**3.24**	**7.22**	**77.64**

TABLE II—SHOWING MECHANICAL ANALYSES OF GROUND LIMESTONE AND GROUND OYSTER SHELLS

For the chemical Analyses of these samples, see preceding table. Figures are percentages or pounds per hundred. "Mesh" indicates the sieve used. "20 Mesh" has 20 wires to the inch.

No.	Name of Manufacturer	Name of Lime or Kind	Finer than 100 Mesh	Between 80 & 100 Mesh	Between 60 & 80 Mesh	Between 40 & 60 Mesh	Between 20 & 40 Mesh	Coarser than 20 Mesh
3075	Harry T. Campbell Sons Co., Towson, Md.	Pulverized Limestone	95.	4.	.50	.50	0.	0.
3109	M. J. Grove Lime Co., Lime Kiln, Md.	Pulverized Limestone	59.	15.	4.	15.50	6.50	0.
3069	M. J. Grove Lime Co., Lime Kiln, Md.	Pulverized Limestone	96.	3.	0.	1.	0.	0.
3062	M. J. Grove Lime Co., Lime Kiln, Md.	Pulverized Limestone	88.50	.6	3.	2.	.50	0.
3093	Potomac Poultry Food Co., Inc., Baltimore, Md.	Potolime Oyster Shell Lime	27.	10.	4.50	15.	35.	8.50
3092	Potomac Poultry Food Co., Inc., Baltimore, Md.	Potolime Oyster Shell Lime	31.50	9.50	4.	13.50	32.50	9.
3122	Steacy & Wilton Co., Wrightsville, Pa.	Pulverized Limestone	100.	0.	0.	0.	0.	0.
3126	Universal Gypsum & Lime Co., Chicago, Ill.	Challenge Brand Pulverized Limestone	100.	0.	0.	0.	0.	0.
3147	W. H. Valliant & Bro., Bellevue, Md.	Oyster Shell Lime	25.	9.50	4.	17.	35.	9.50